

| Year | 1970 | 1971 | 1972 | 1973 | 1974 | 1975 | 1976 | 1977 | 1978 | 1979 | 1980 | 1981 | 1982 | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 | 2040 | 2041 | 2042 | 2043 | 2044 | 2045 | 2046 | 2047 | 2048 | 2049 | 2050 | 2051 | 2052 | 2053 | 2054 | 2055 | 2056 | 2057 | 2058 | 2059 | 2060 | 2061 | 2062 | 2063 | 2064 | 2065 | 2066 | 2067 | 2068 | 2069 | 2070 | 2071 | 2072 | 2073 | 2074 | 2075 | 2076 | 2077 | 2078 | 2079 | 2080 | 2081 | 2082 | 2083 | 2084 | 2085 | 2086 | 2087 | 2088 | 2089 | 2090 | 2091 | 2092 | 2093 | 2094 | 2095 | 2096 | 2097 | 2098 | 2099 | 2100 |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1970 | 1971 | 1972 | 1973 | 1974 | 1975 | 1976 | 1977 | 1978 | 1979 | 1980 | 1981 | 1982 | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 | 2040 | 2041 | 2042 | 2043 | 2044 | 2045 | 2046 | 2047 | 2048 | 2049 | 2050 | 2051 | 2052 | 2053 | 2054 | 2055 | 2056 | 2057 | 2058 | 2059 | 2060 | 2061 | 2062 | 2063 | 2064 | 2065 | 2066 | 2067 | 2068 | 2069 | 2070 | 2071 | 2072 | 2073 | 2074 | 2075 | 2076 | 2077 | 2078 | 2079 | 2080 | 2081 | 2082 | 2083 | 2084 | 2085 | 2086 | 2087 | 2088 | 2089 | 2090 | 2091 | 2092 | 2093 | 2094 | 2095 | 2096 | 2097 | 2098 | 2099 | 2100 |      |

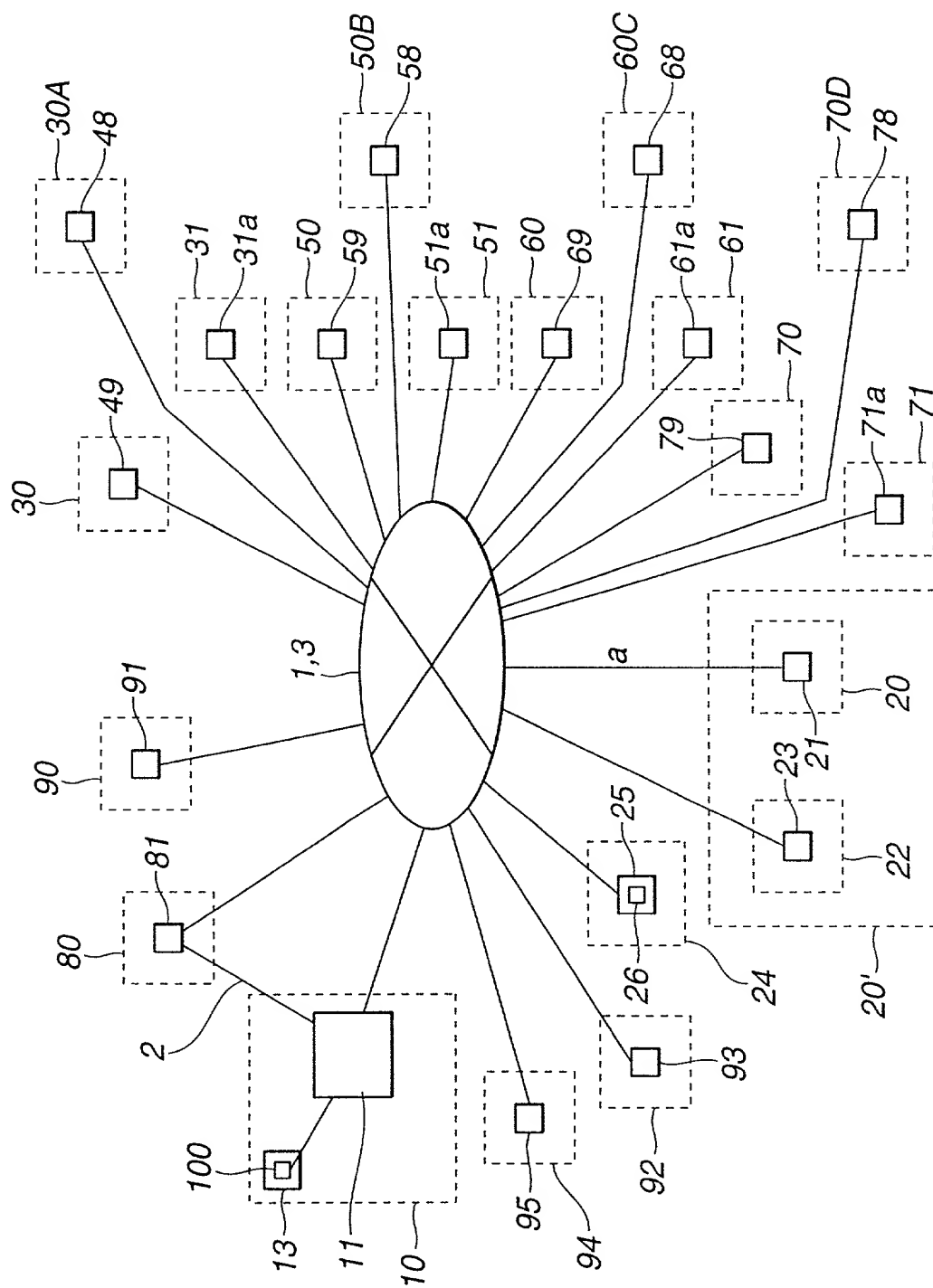
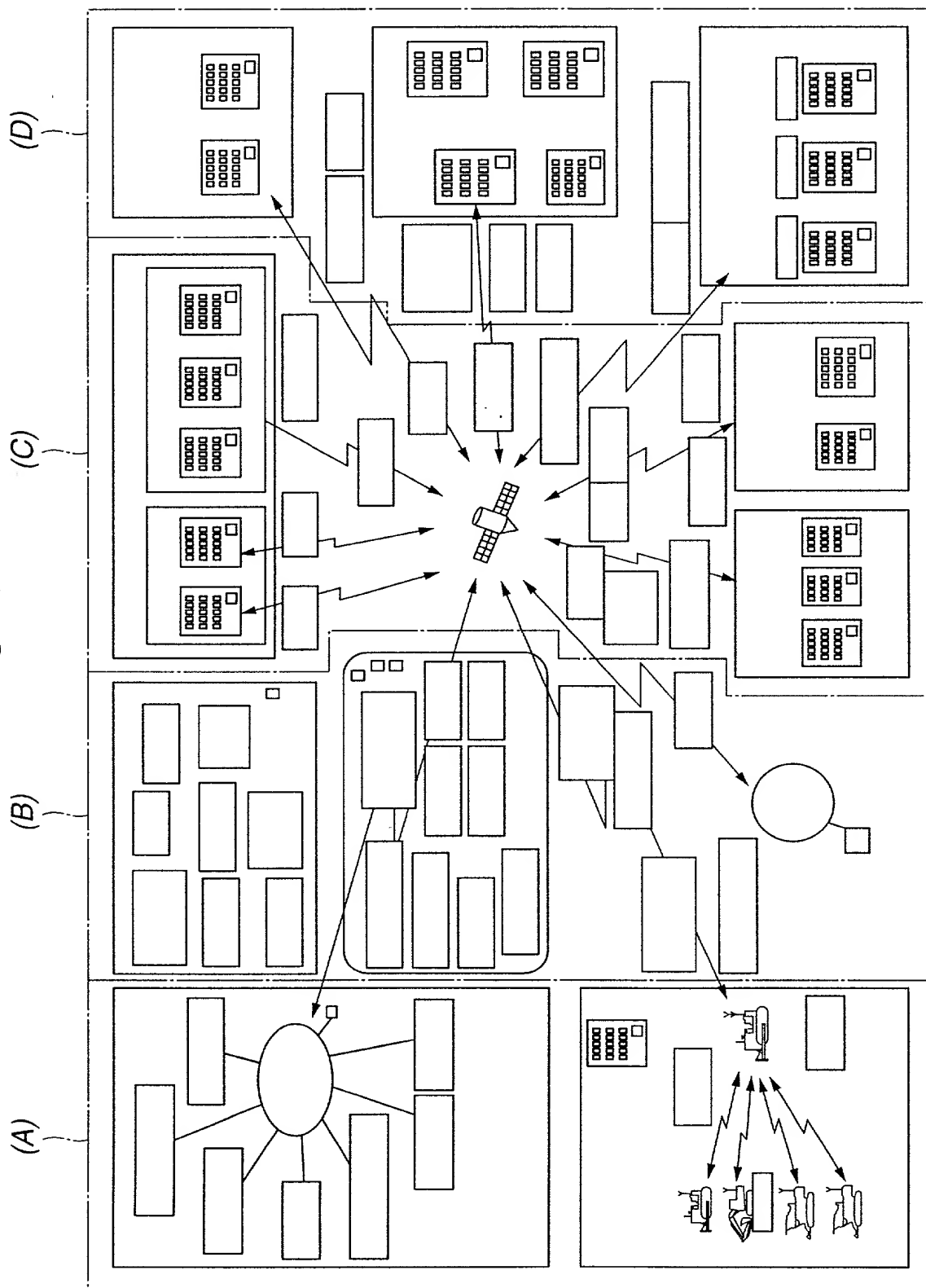
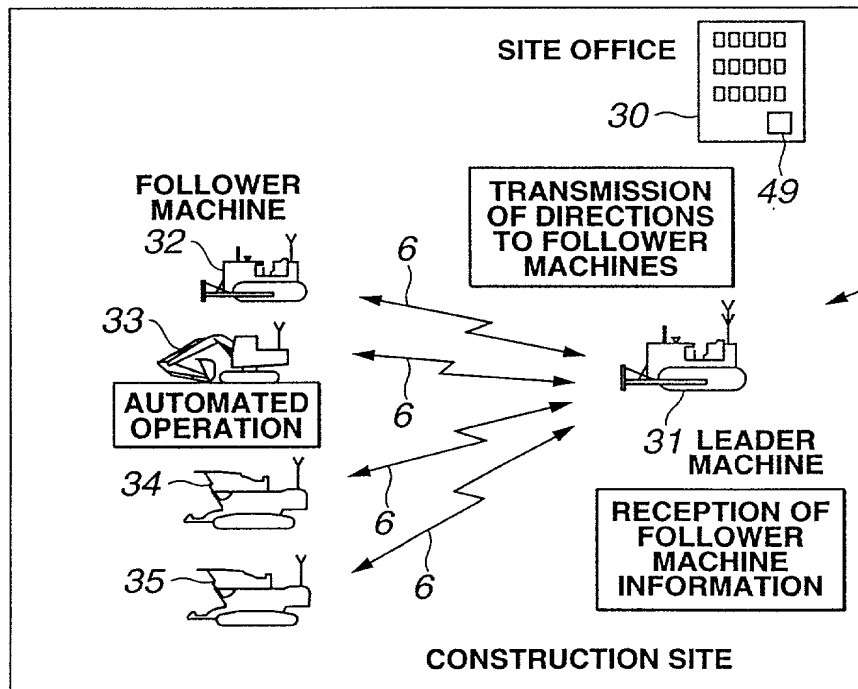
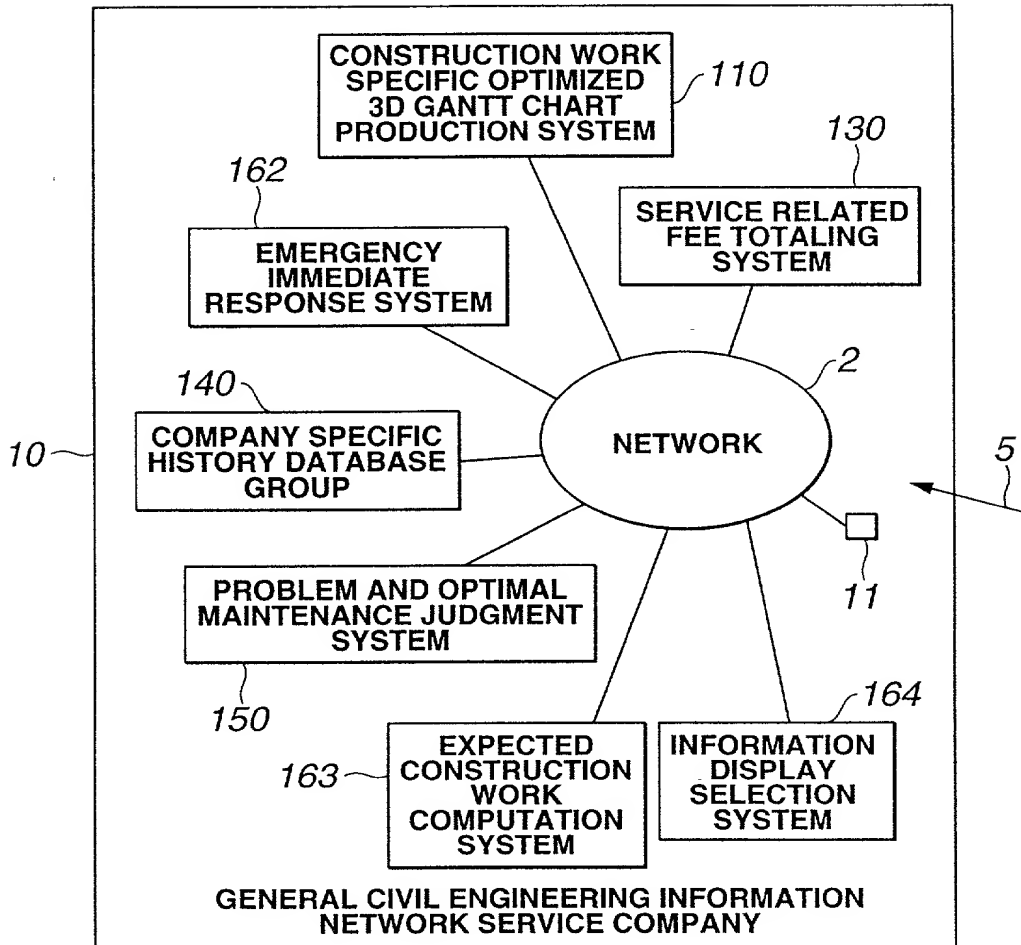


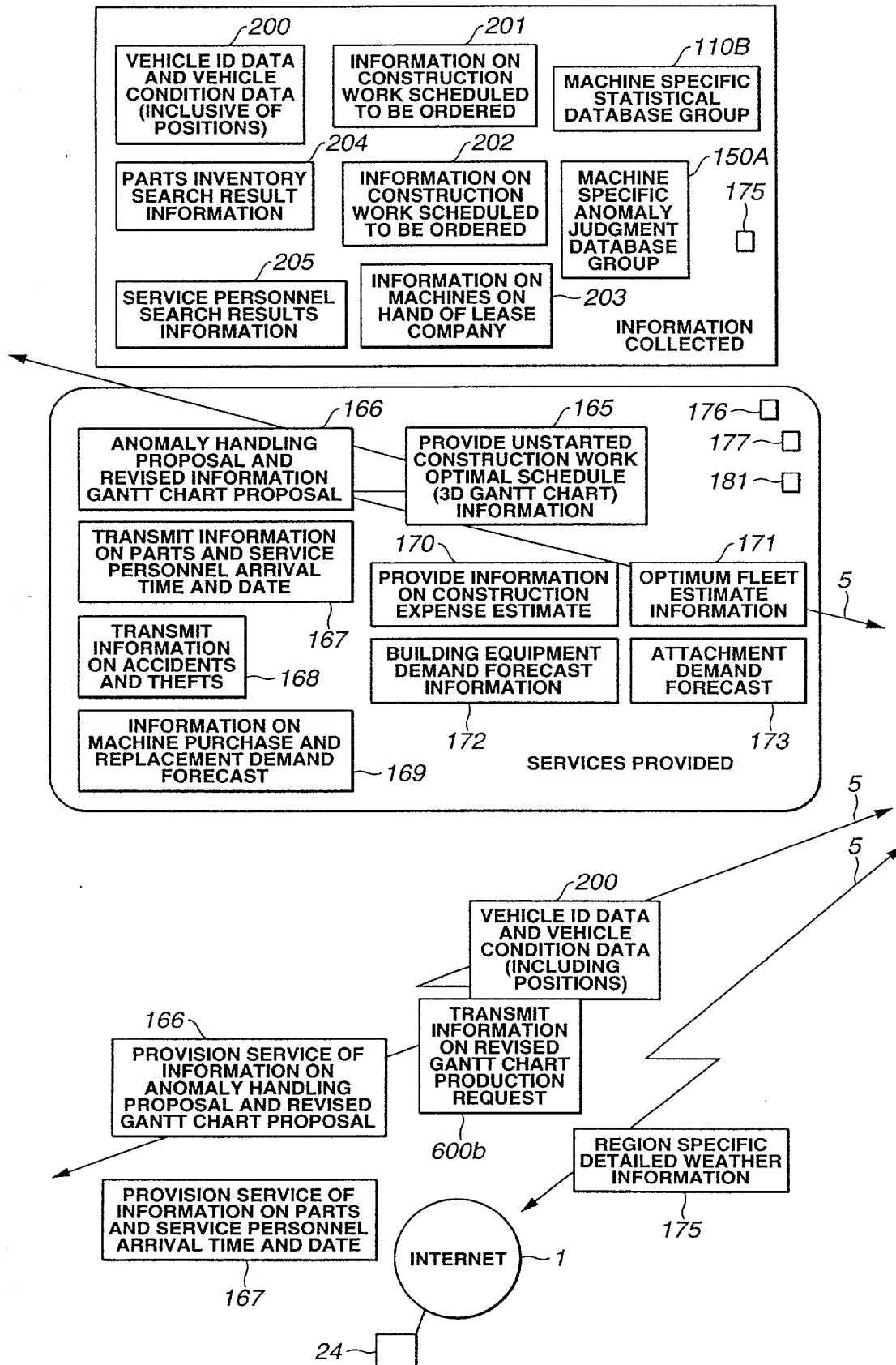
FIG. 2



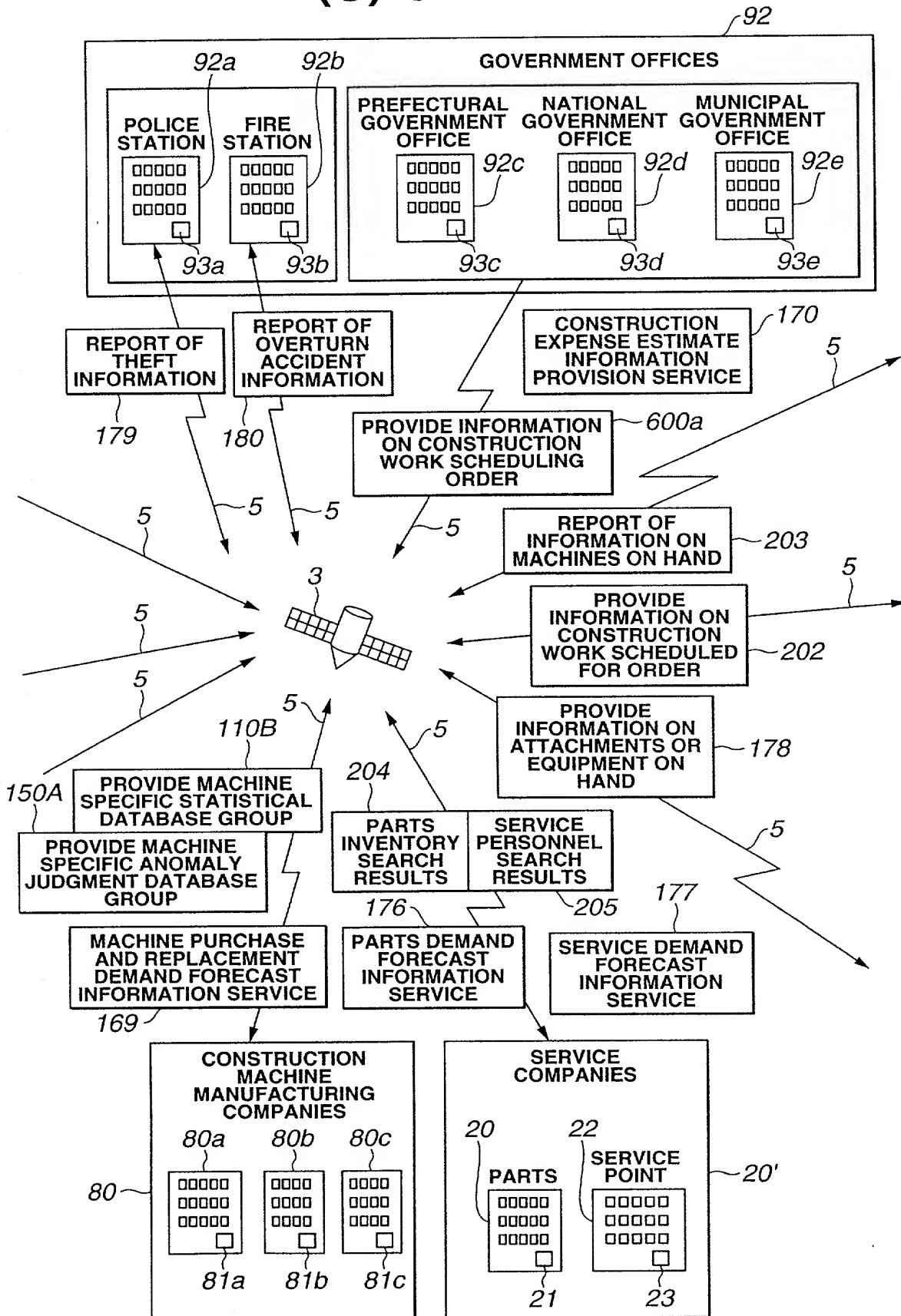
# (A) OF FIG.2



# (B) OF FIG.2



# (C) OF FIG.2



# (D) OF FIG.2

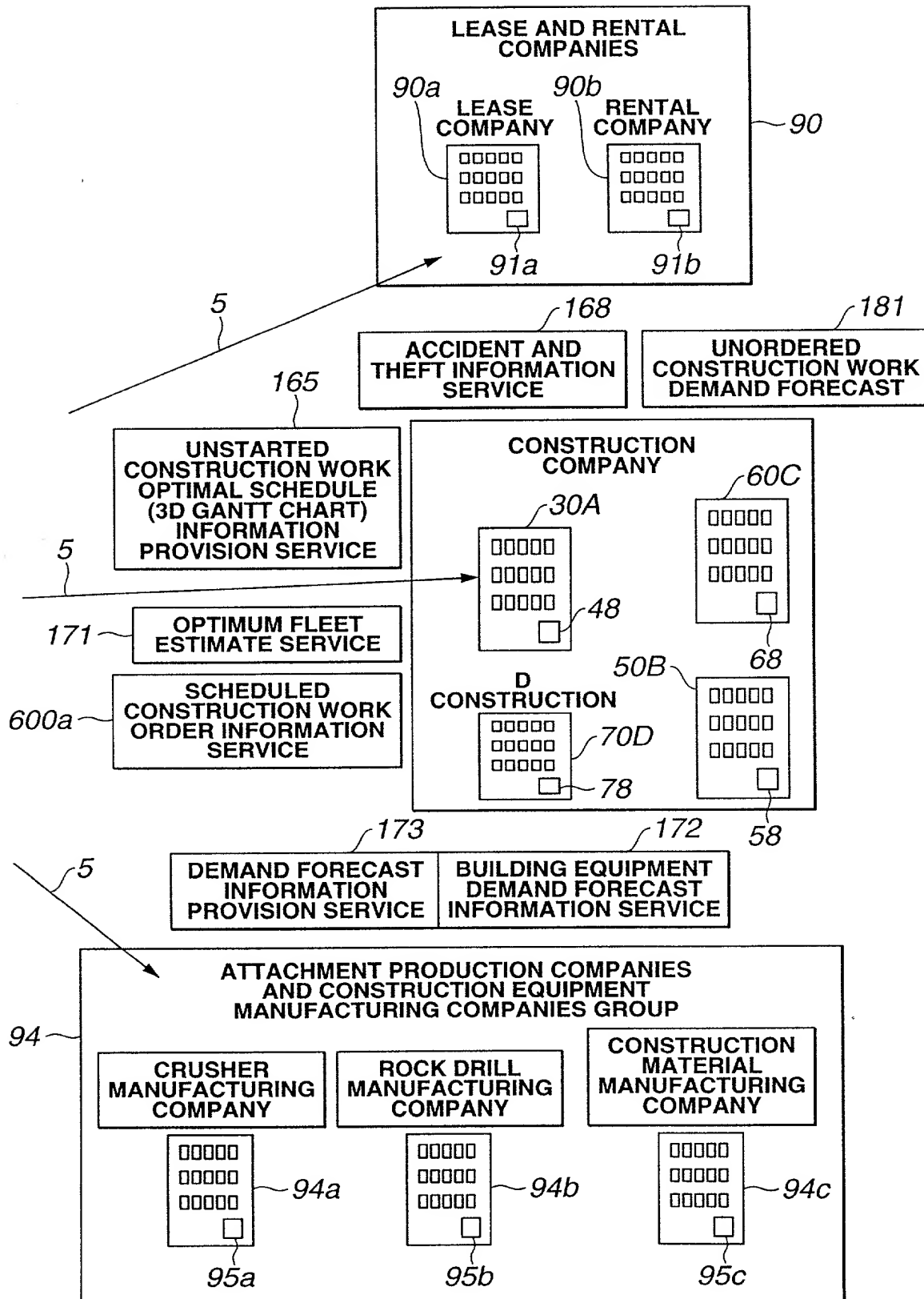
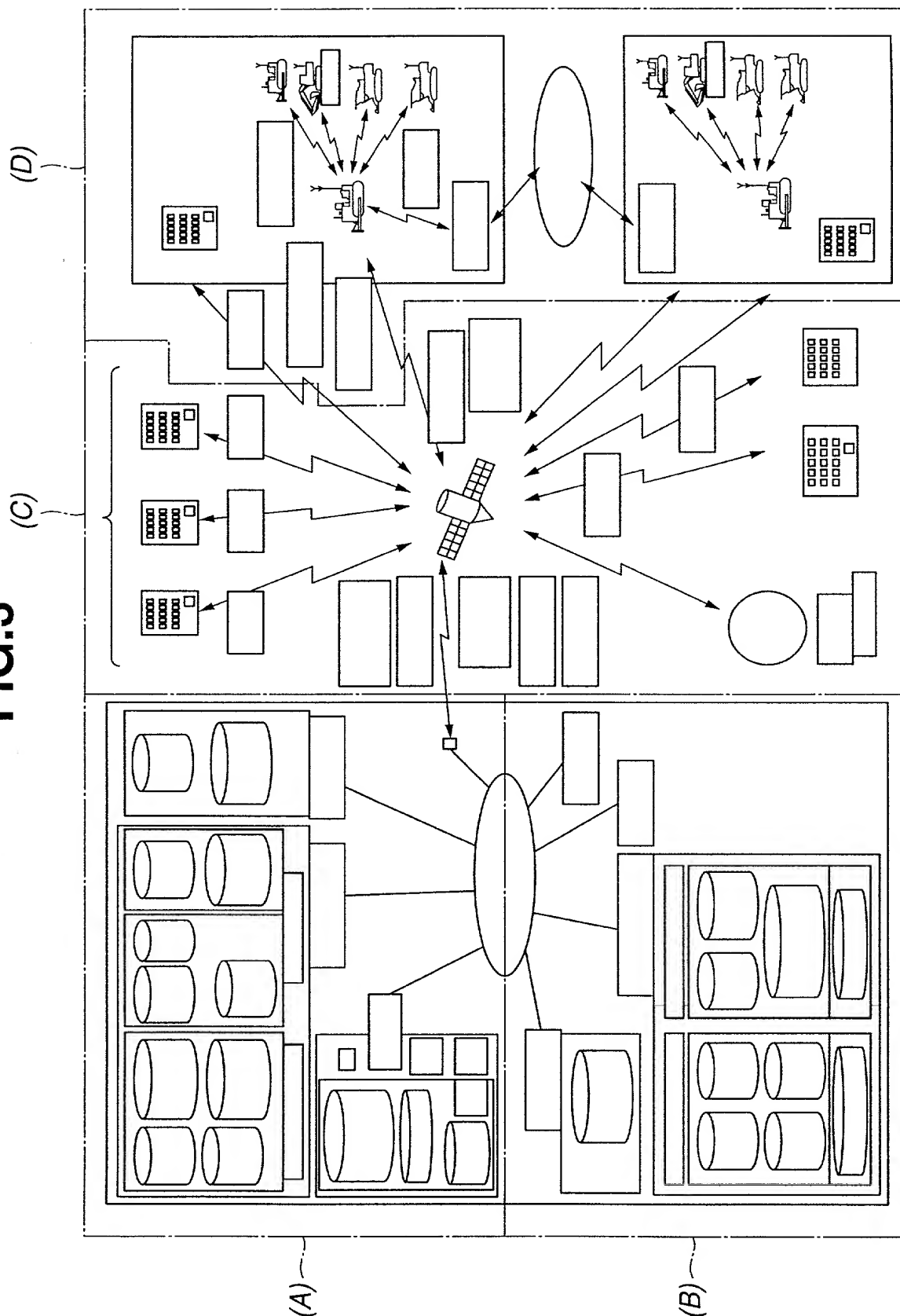
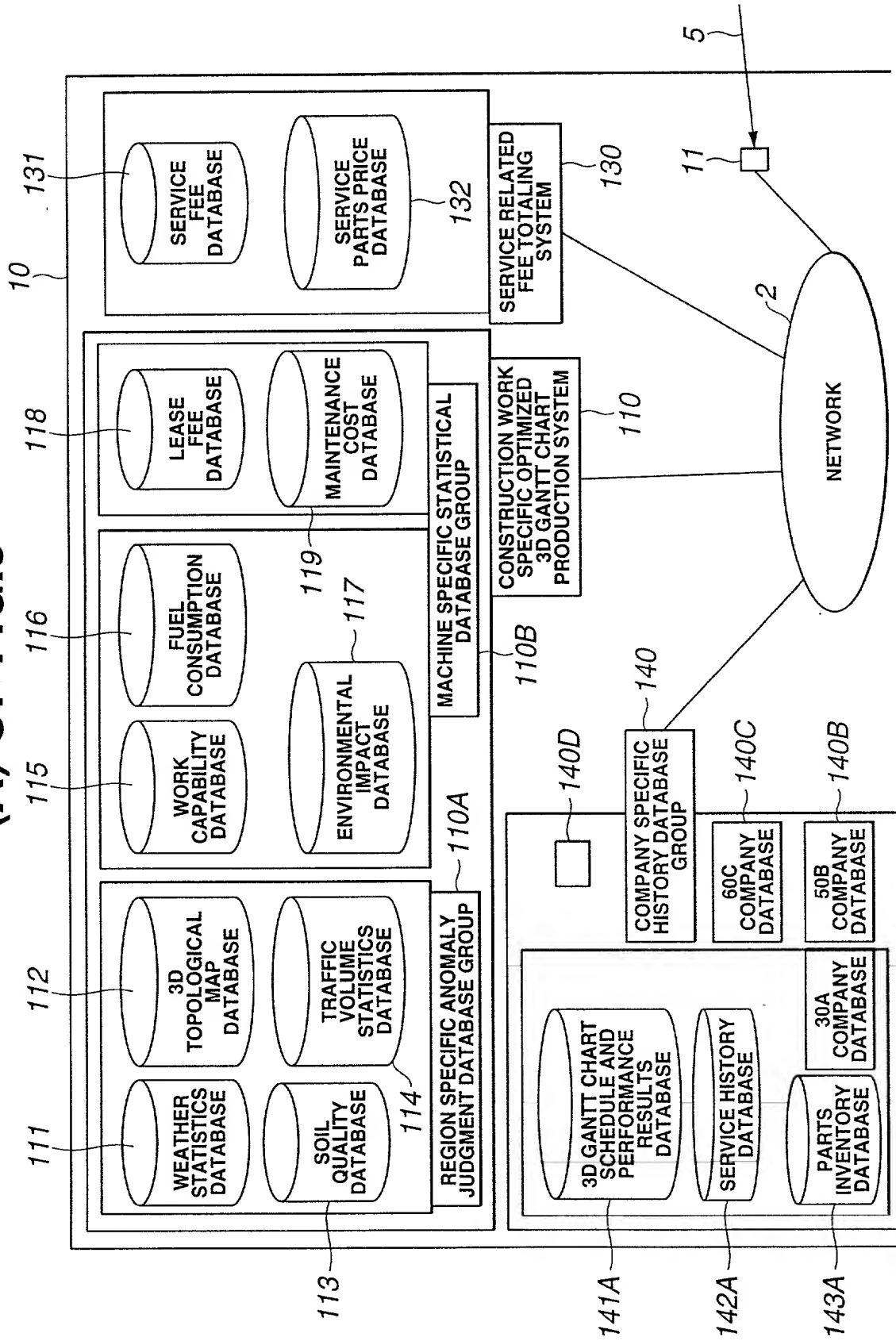


FIG. 3

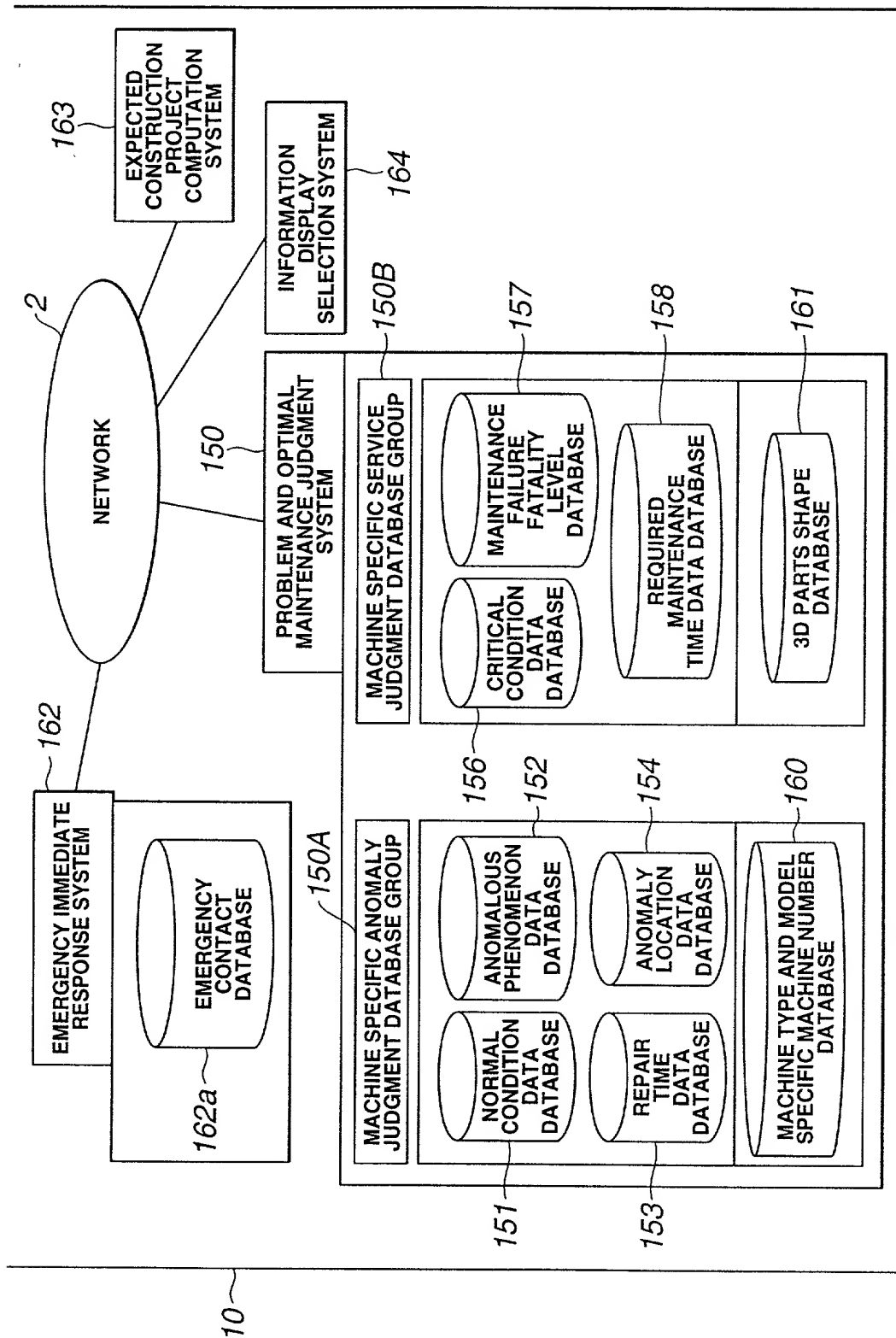


(A) OF FIG.3

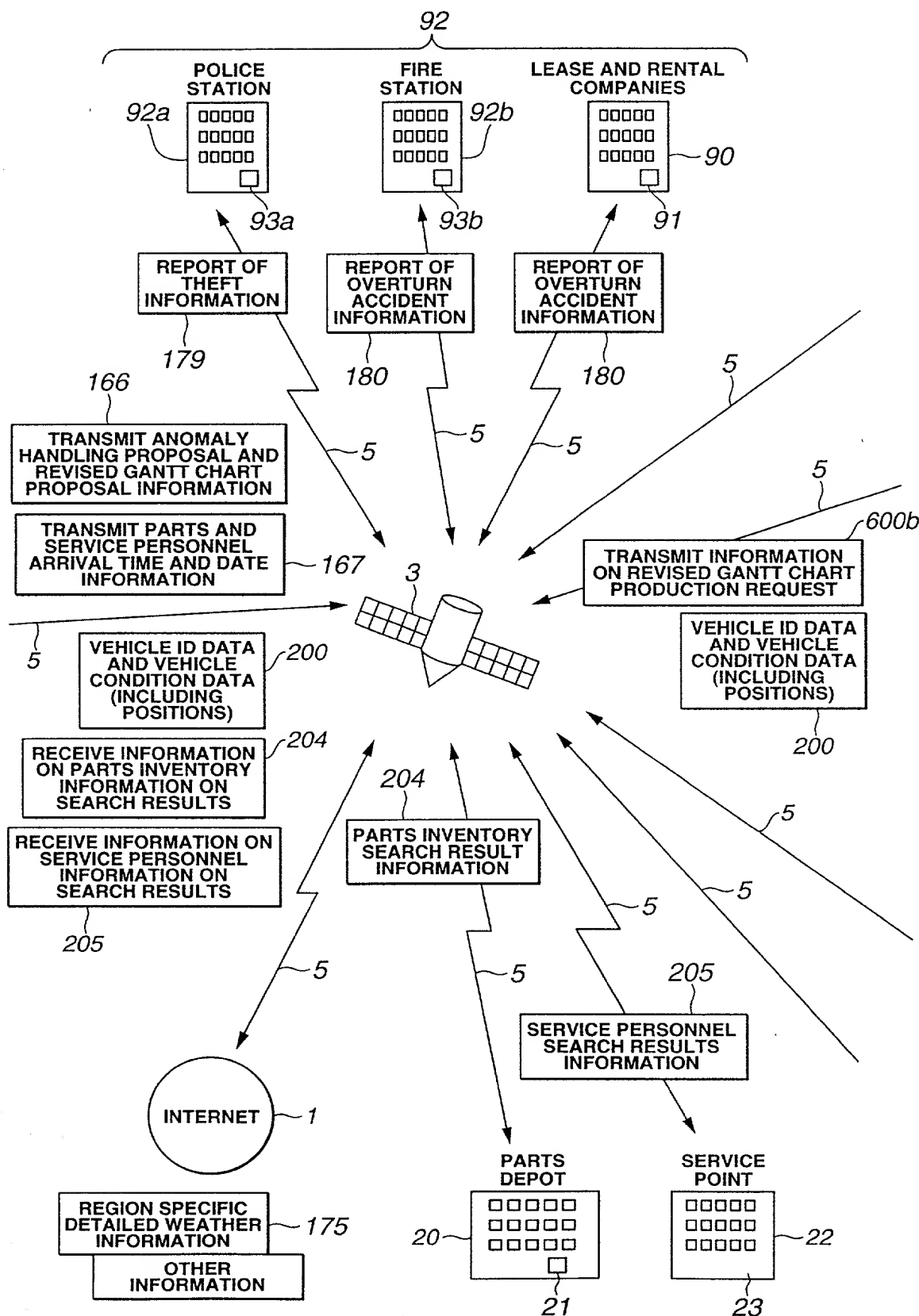




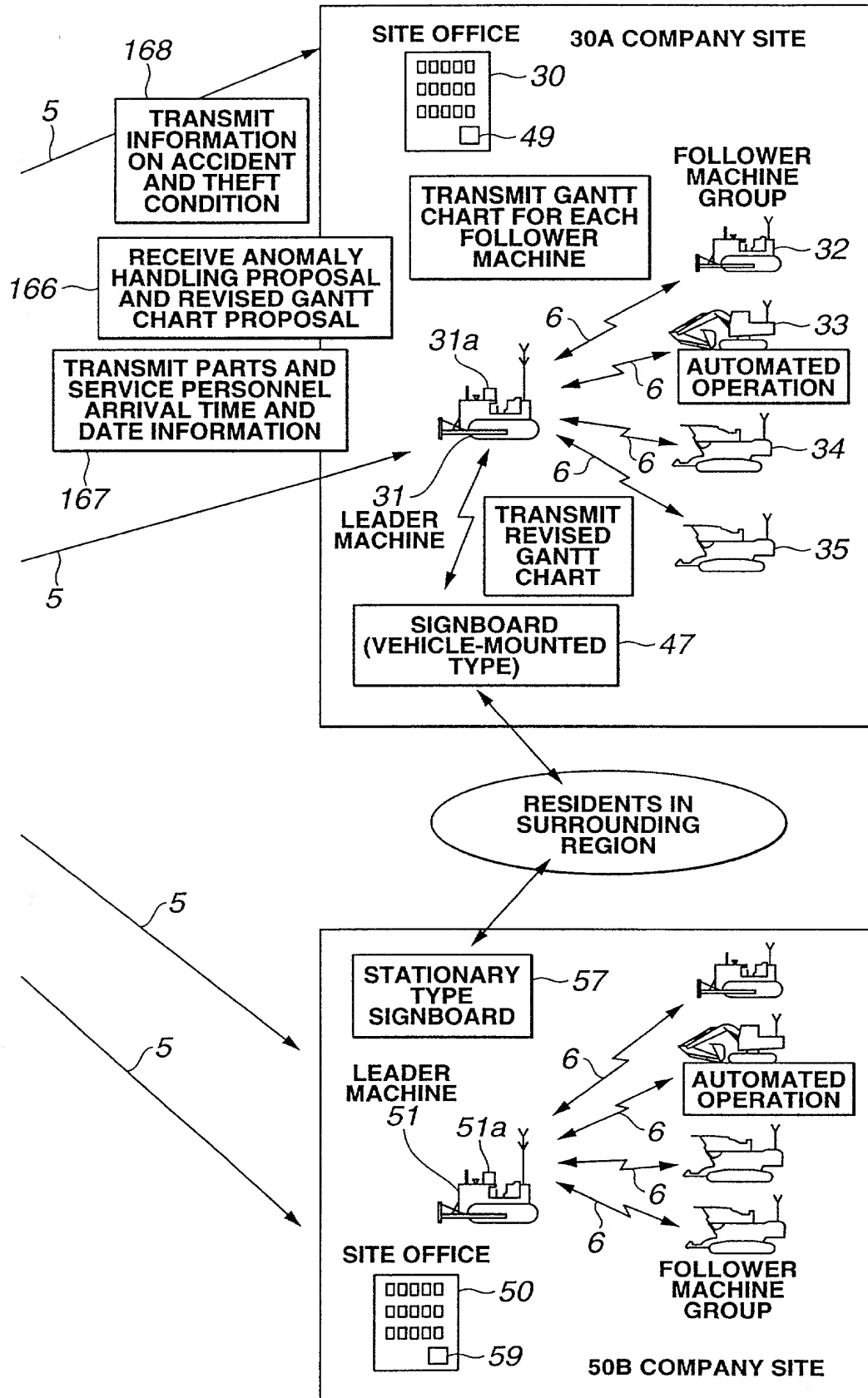
(B) OF FIG.3



| Year | 1977 | 1978 | 1979 | 1980 | 1981 | 1982 | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 | 2040 | 2041 | 2042 | 2043 | 2044 | 2045 | 2046 | 2047 | 2048 | 2049 | 2050 | 2051 | 2052 | 2053 | 2054 | 2055 | 2056 | 2057 | 2058 | 2059 | 2060 | 2061 | 2062 | 2063 | 2064 | 2065 | 2066 | 2067 | 2068 | 2069 | 2070 | 2071 | 2072 | 2073 | 2074 | 2075 | 2076 | 2077 | 2078 | 2079 | 2080 | 2081 | 2082 | 2083 | 2084 | 2085 | 2086 | 2087 | 2088 | 2089 | 2090 | 2091 | 2092 | 2093 | 2094 | 2095 | 2096 | 2097 | 2098 | 2099 | 2100 |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1977 | 1978 | 1979 | 1980 | 1981 | 1982 | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 | 2040 | 2041 | 2042 | 2043 | 2044 | 2045 | 2046 | 2047 | 2048 | 2049 | 2050 | 2051 | 2052 | 2053 | 2054 | 2055 | 2056 | 2057 | 2058 | 2059 | 2060 | 2061 | 2062 | 2063 | 2064 | 2065 | 2066 | 2067 | 2068 | 2069 | 2070 | 2071 | 2072 | 2073 | 2074 | 2075 | 2076 | 2077 | 2078 | 2079 | 2080 | 2081 | 2082 | 2083 | 2084 | 2085 | 2086 | 2087 | 2088 | 2089 | 2090 | 2091 | 2092 | 2093 | 2094 | 2095 | 2096 | 2097 | 2098 | 2099 | 2100 |      |



# (D) OF FIG.3



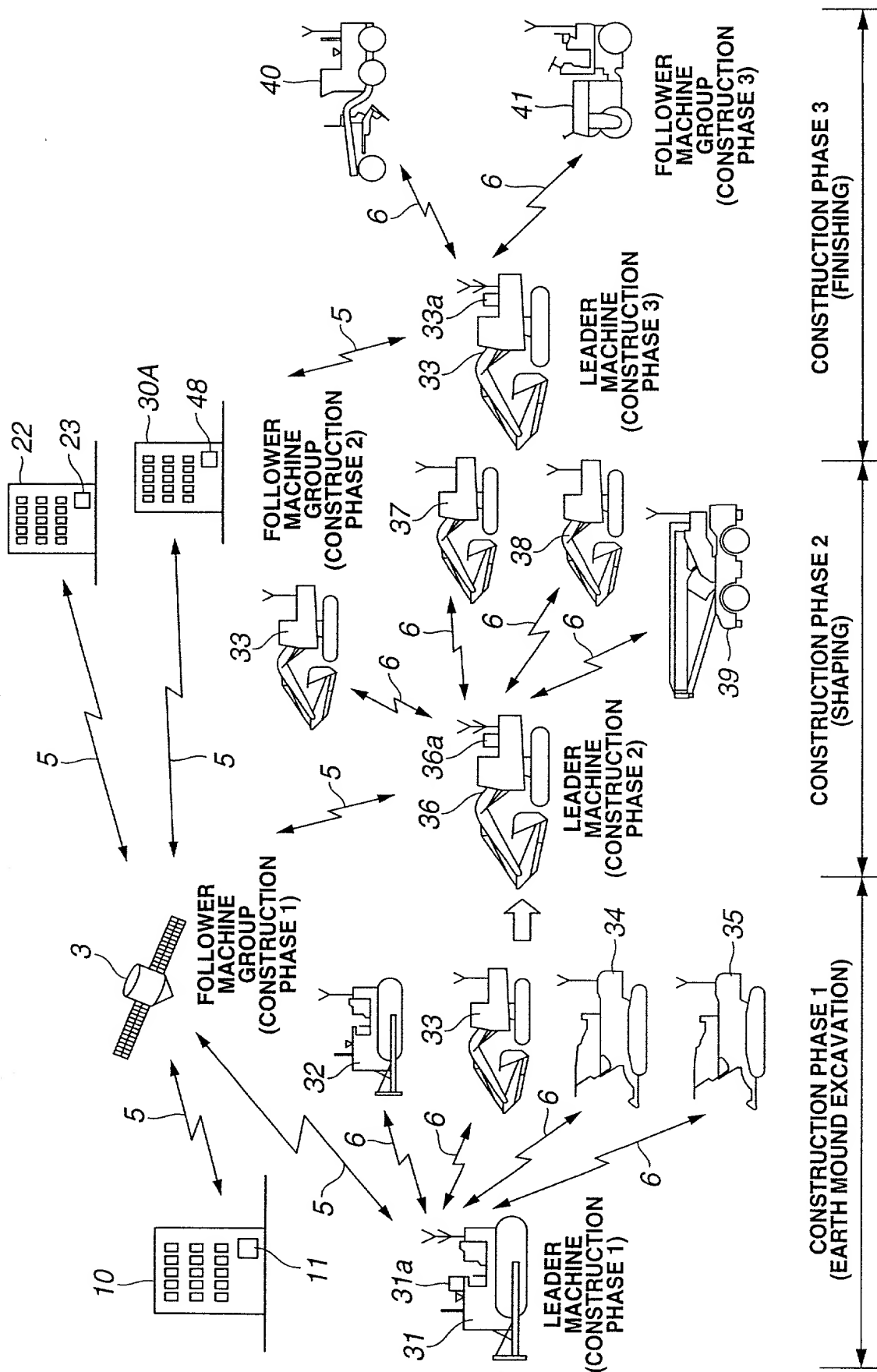
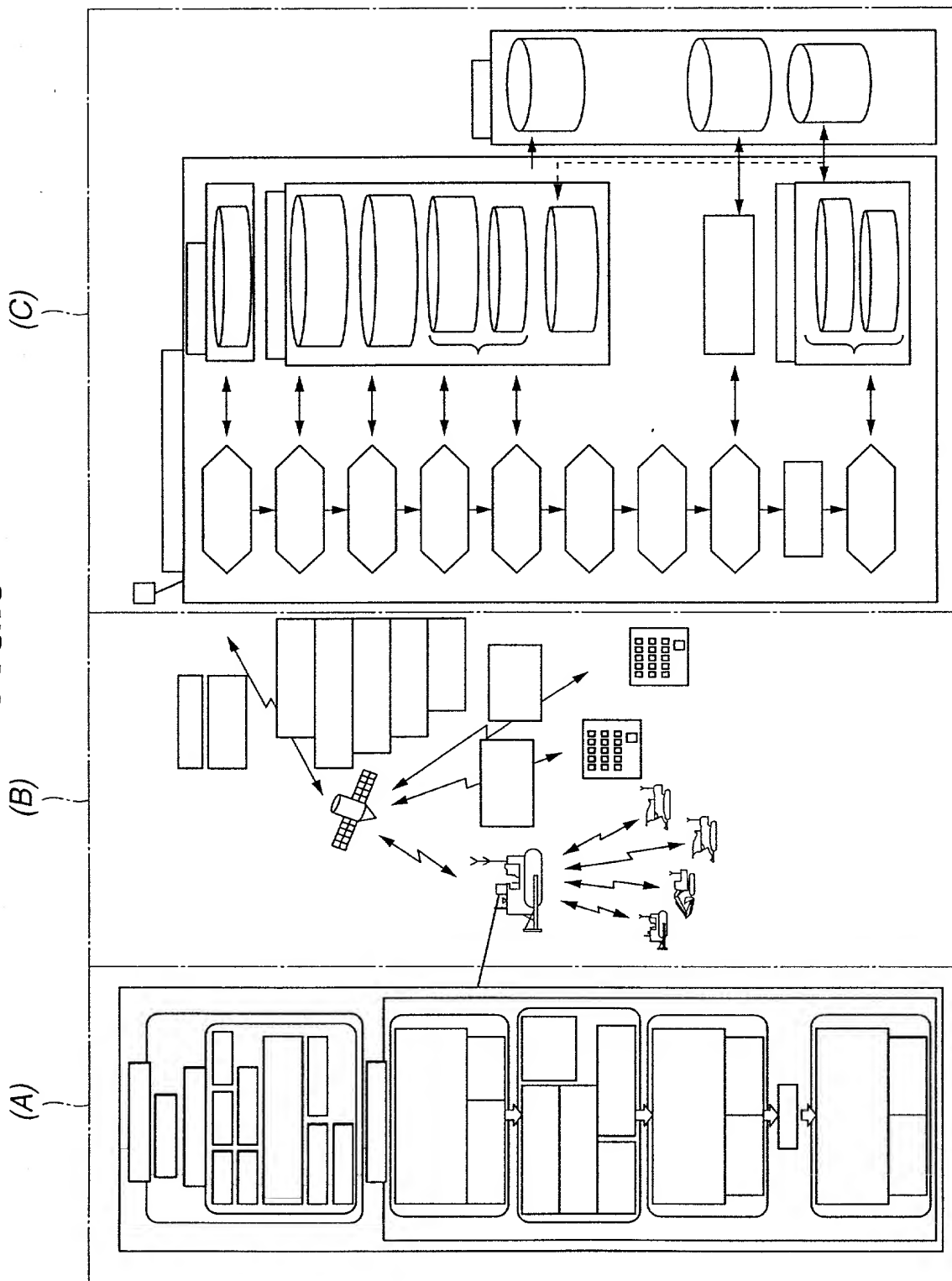
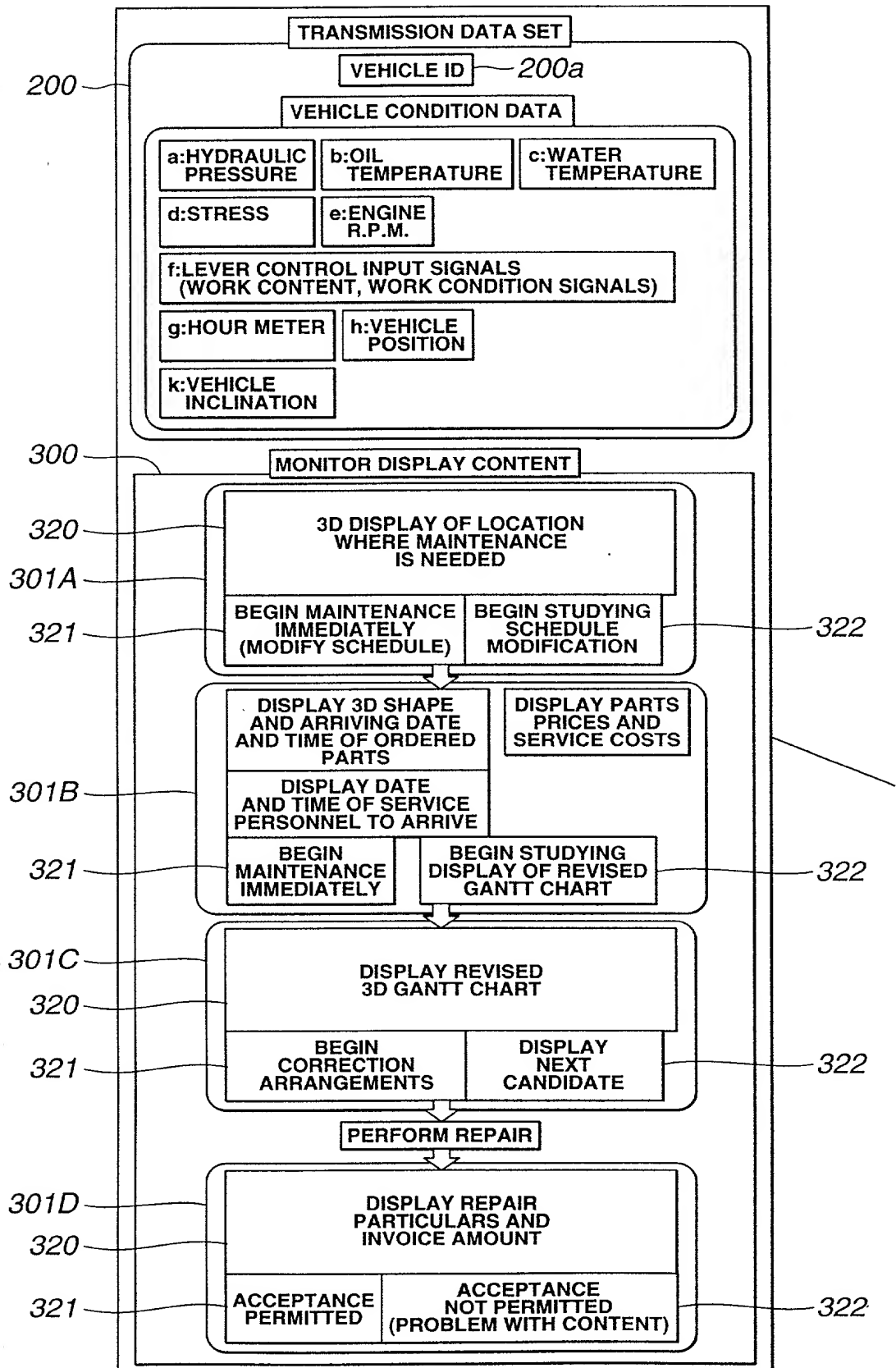


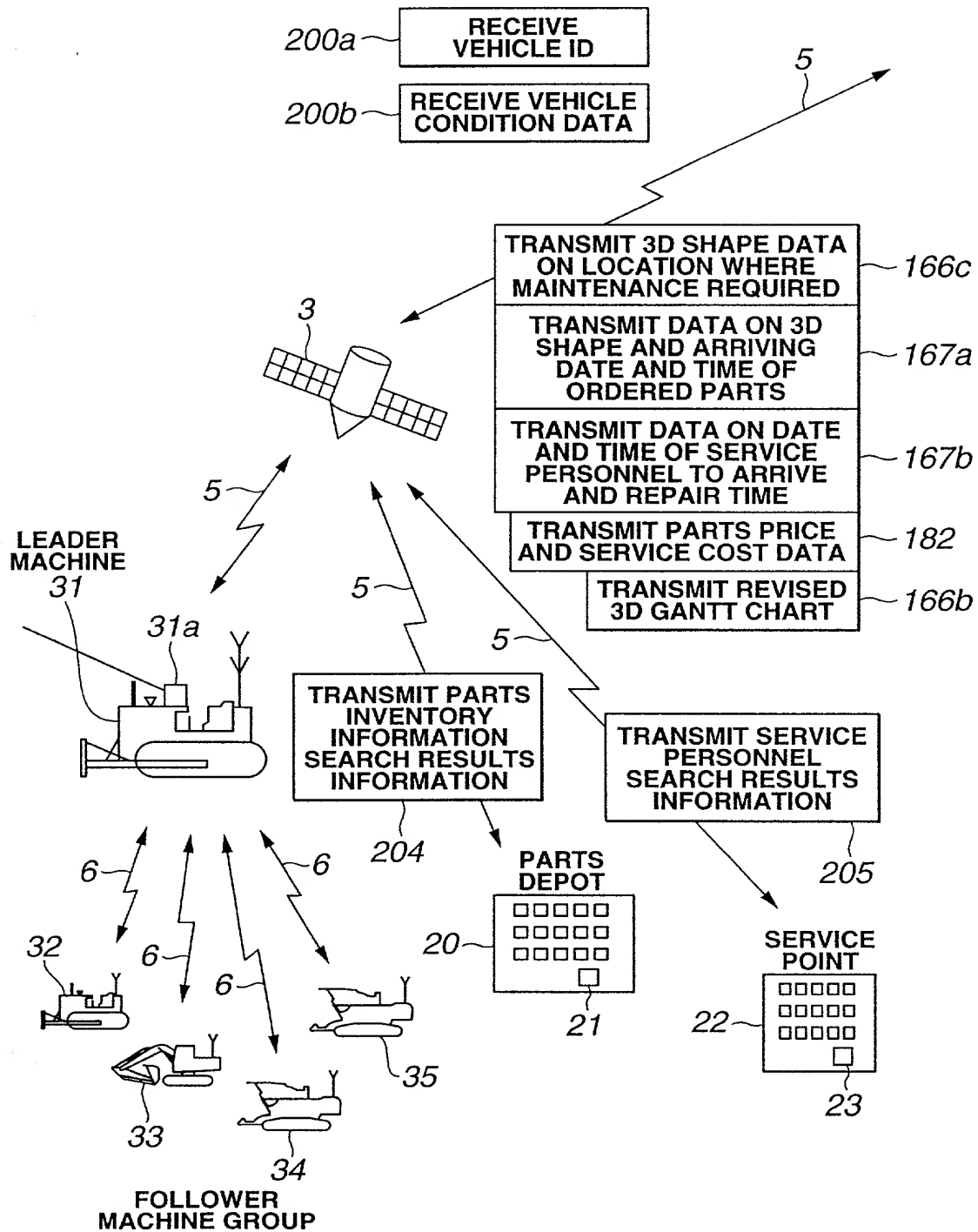
FIG. 5



# (A) OF FIG.5



# (B) OF FIG.5



# (C) OF FIG.5

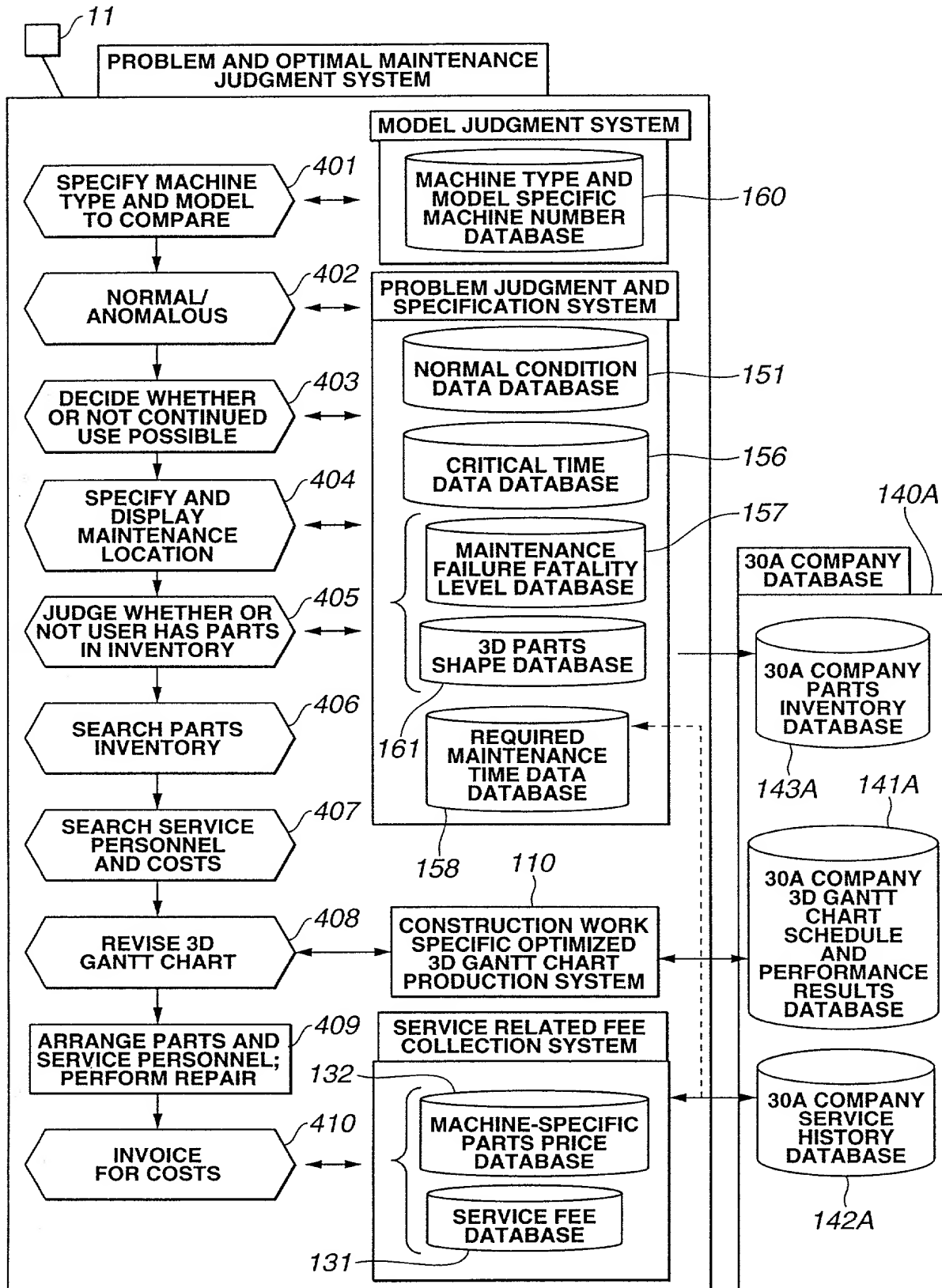
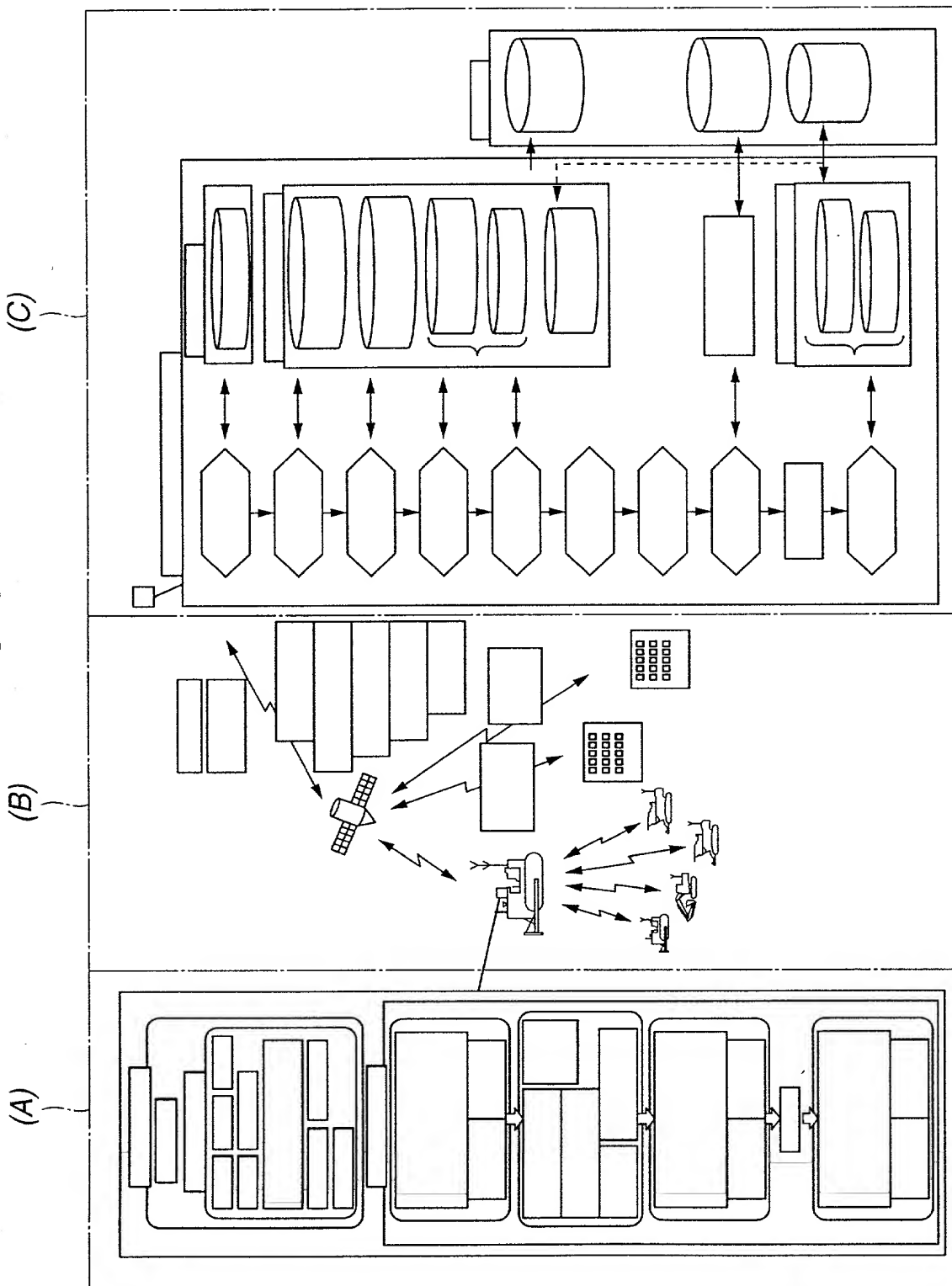
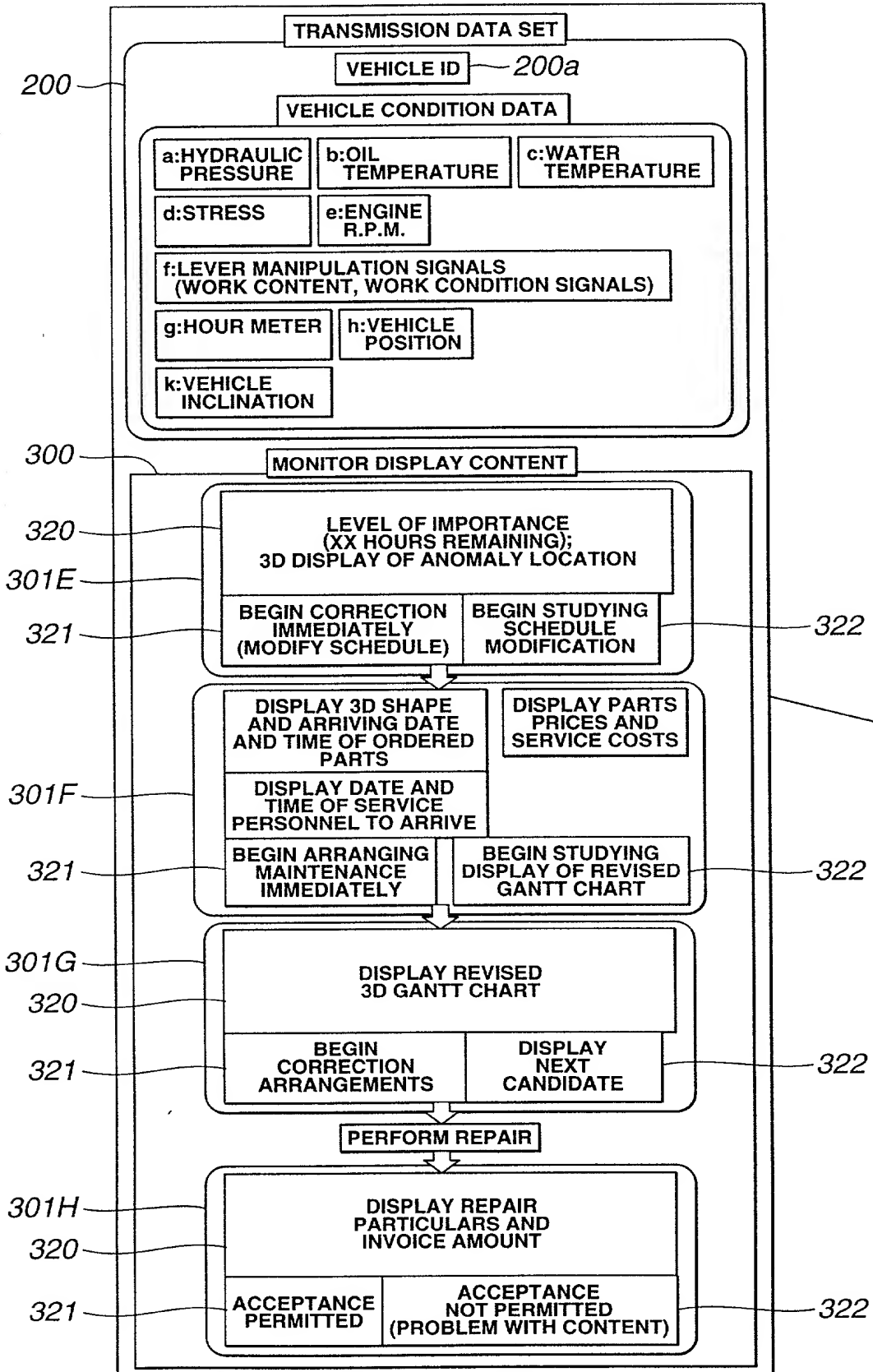


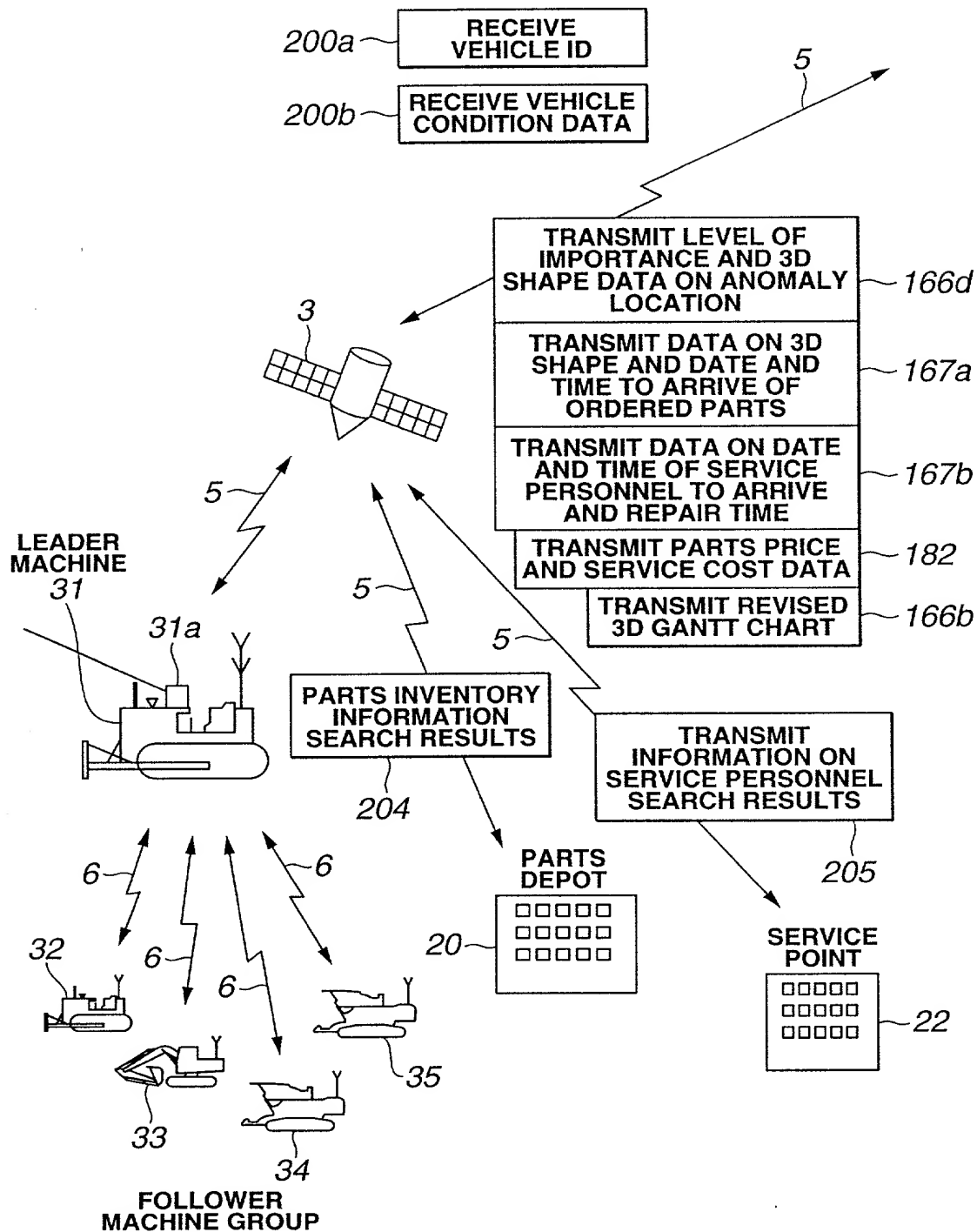


FIG. 6



# (A) OF FIG.6



[illegible]

# (C) OF FIG.6

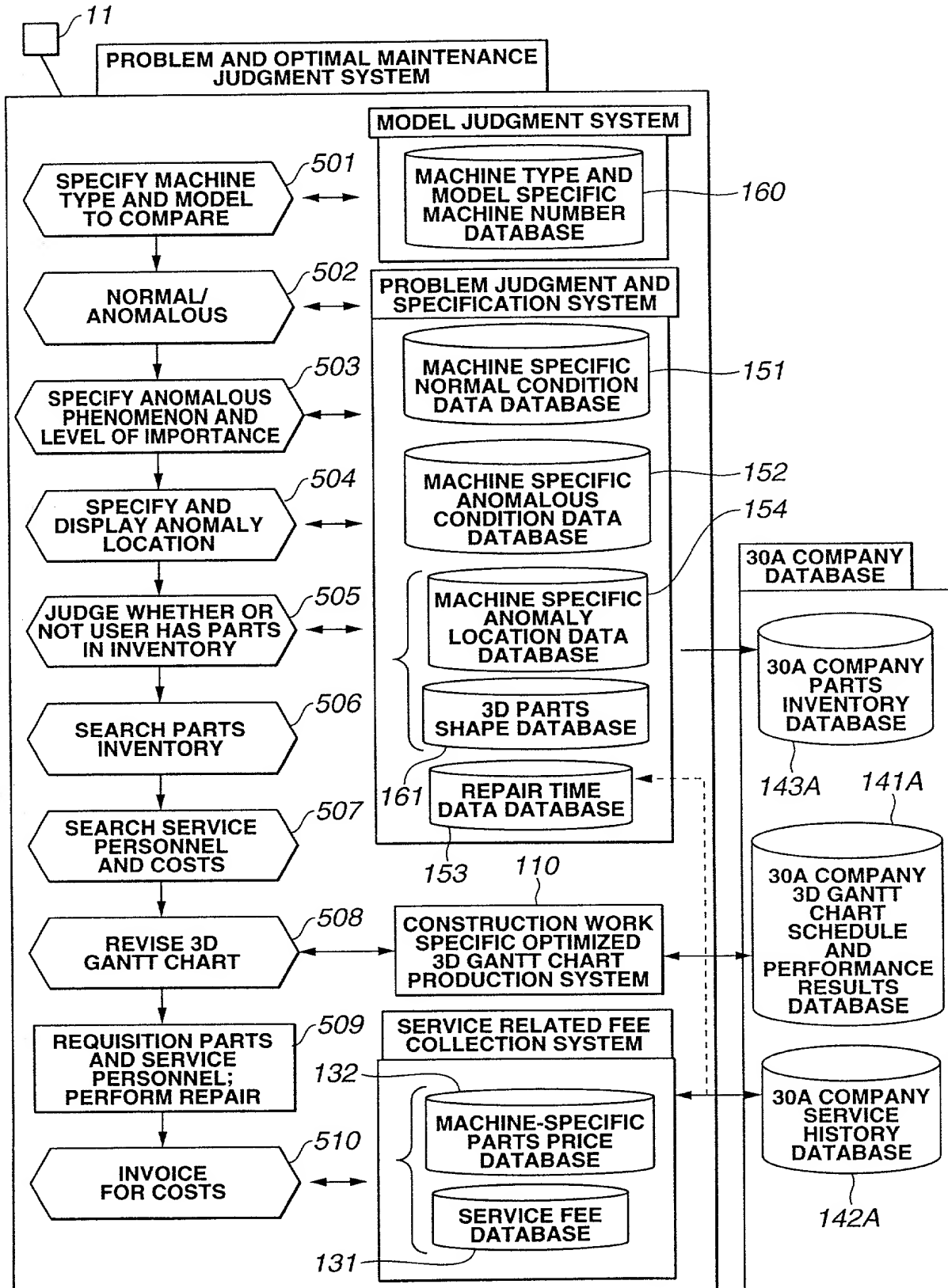
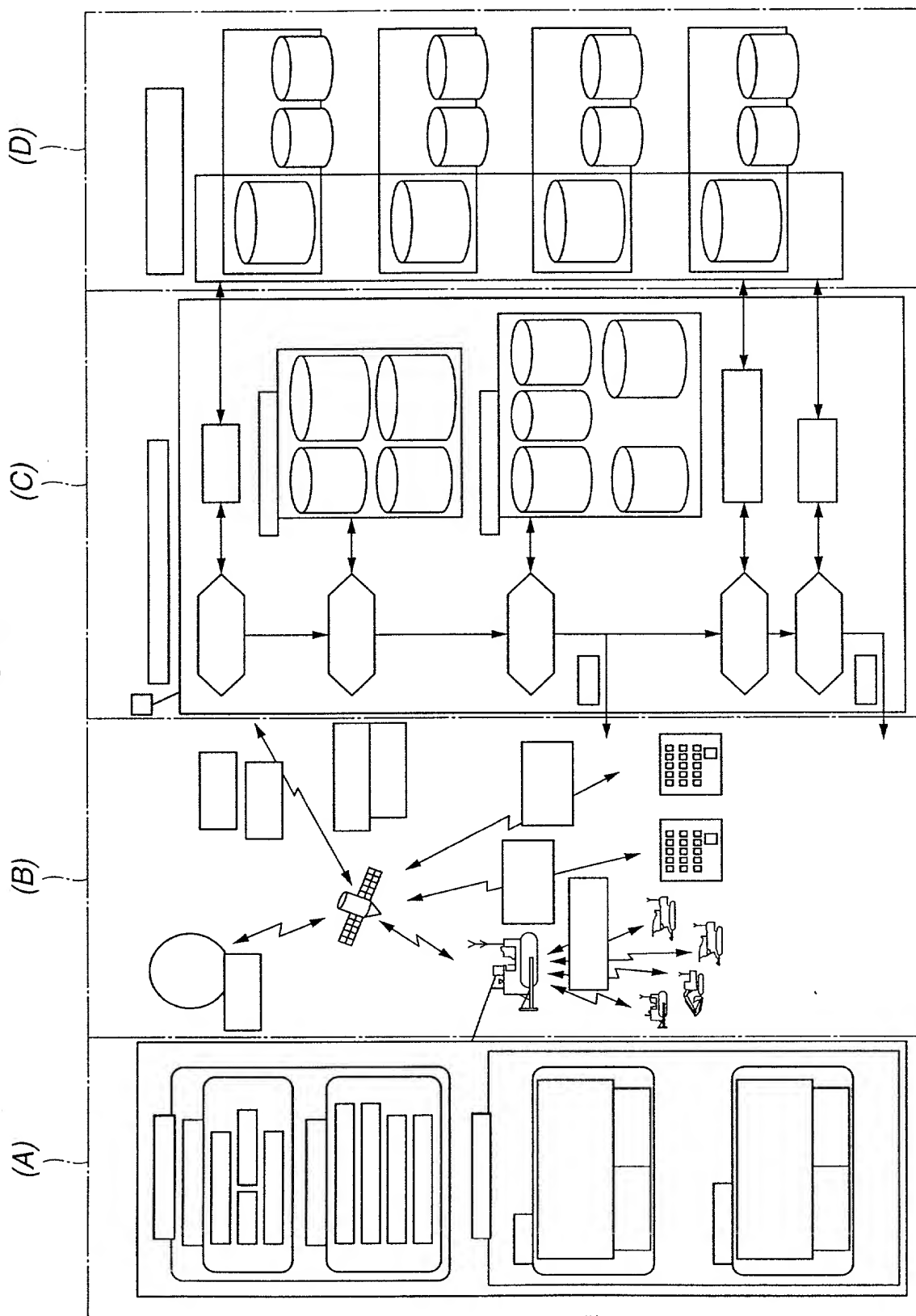
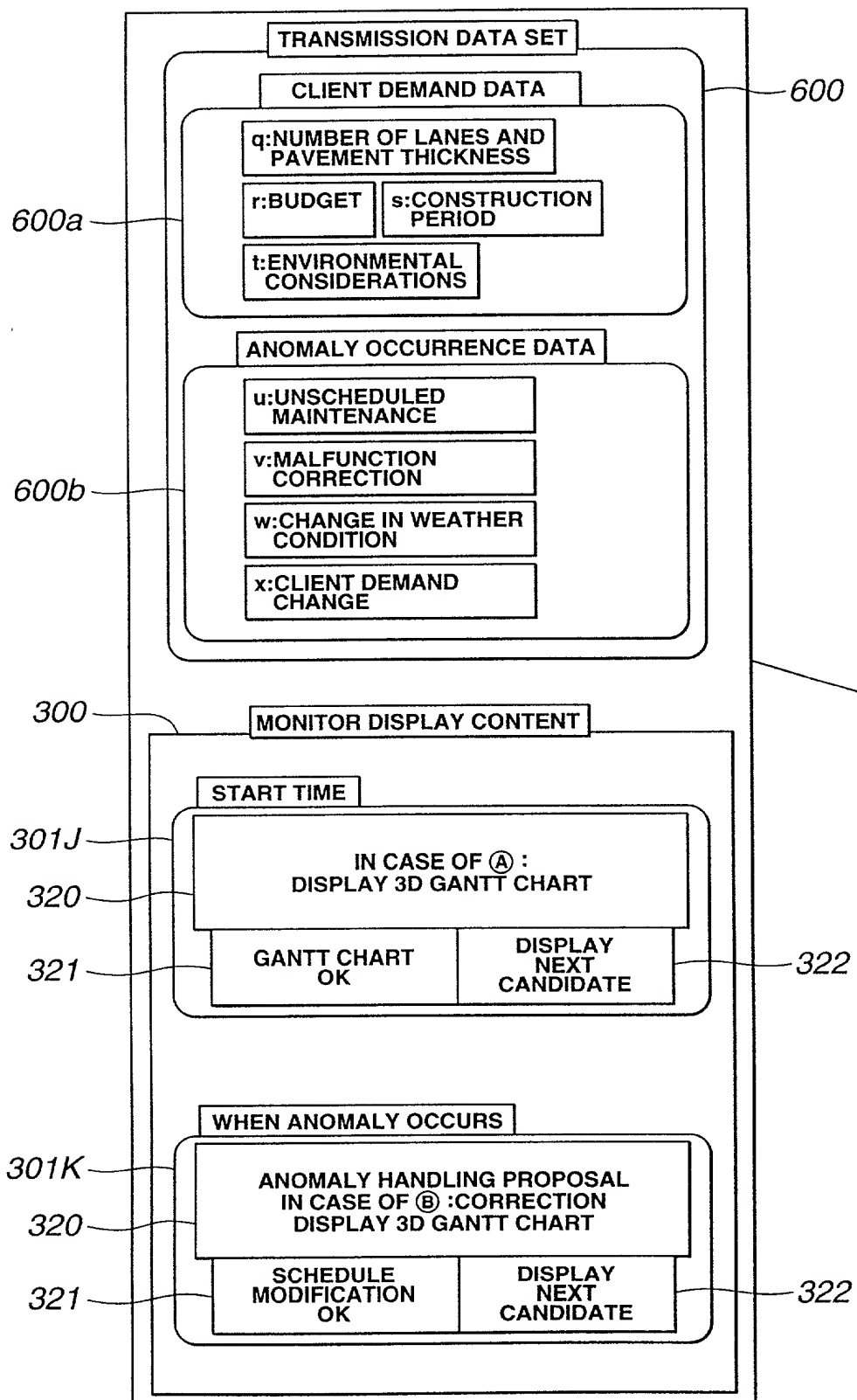


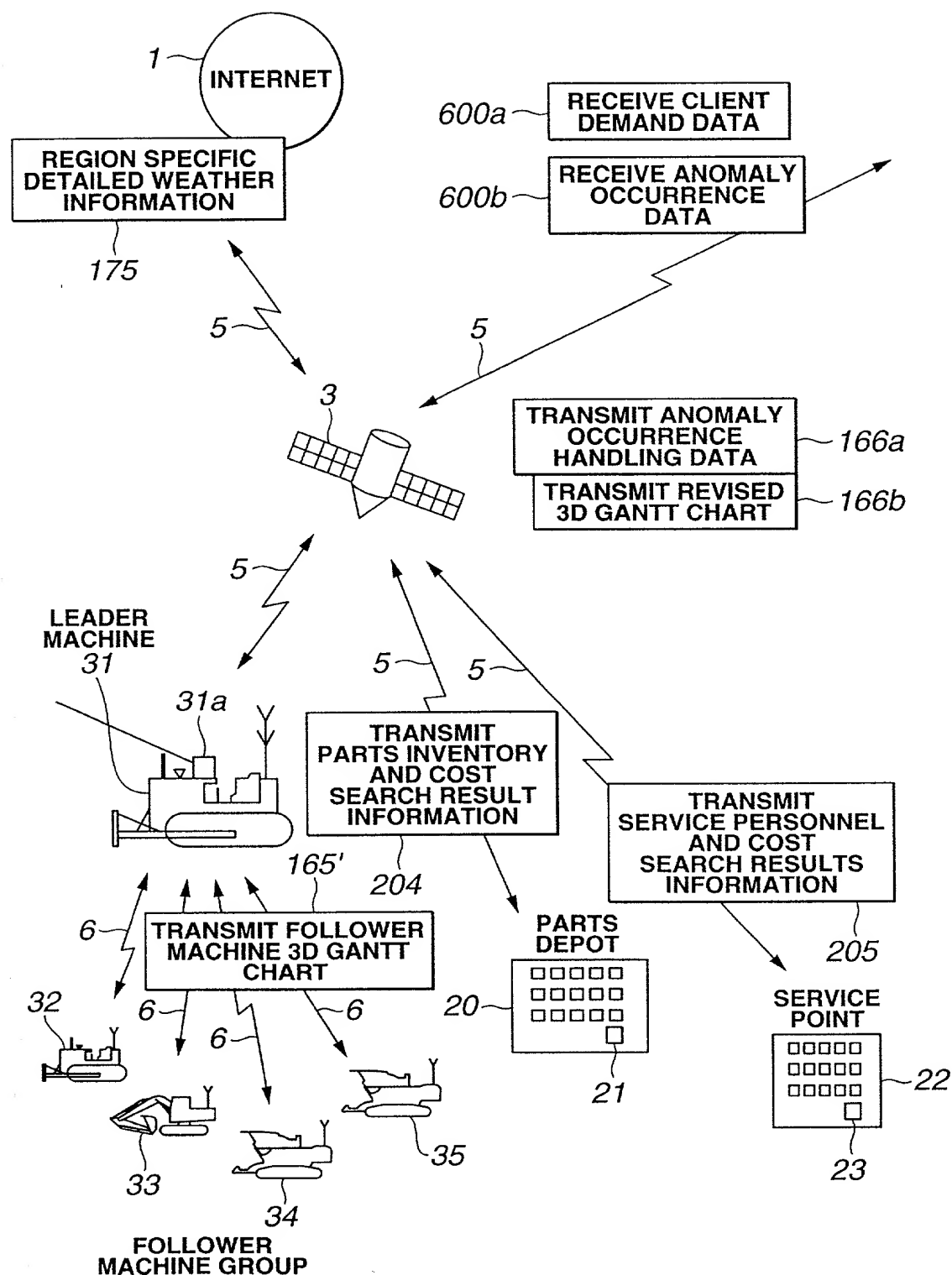
FIG. 7



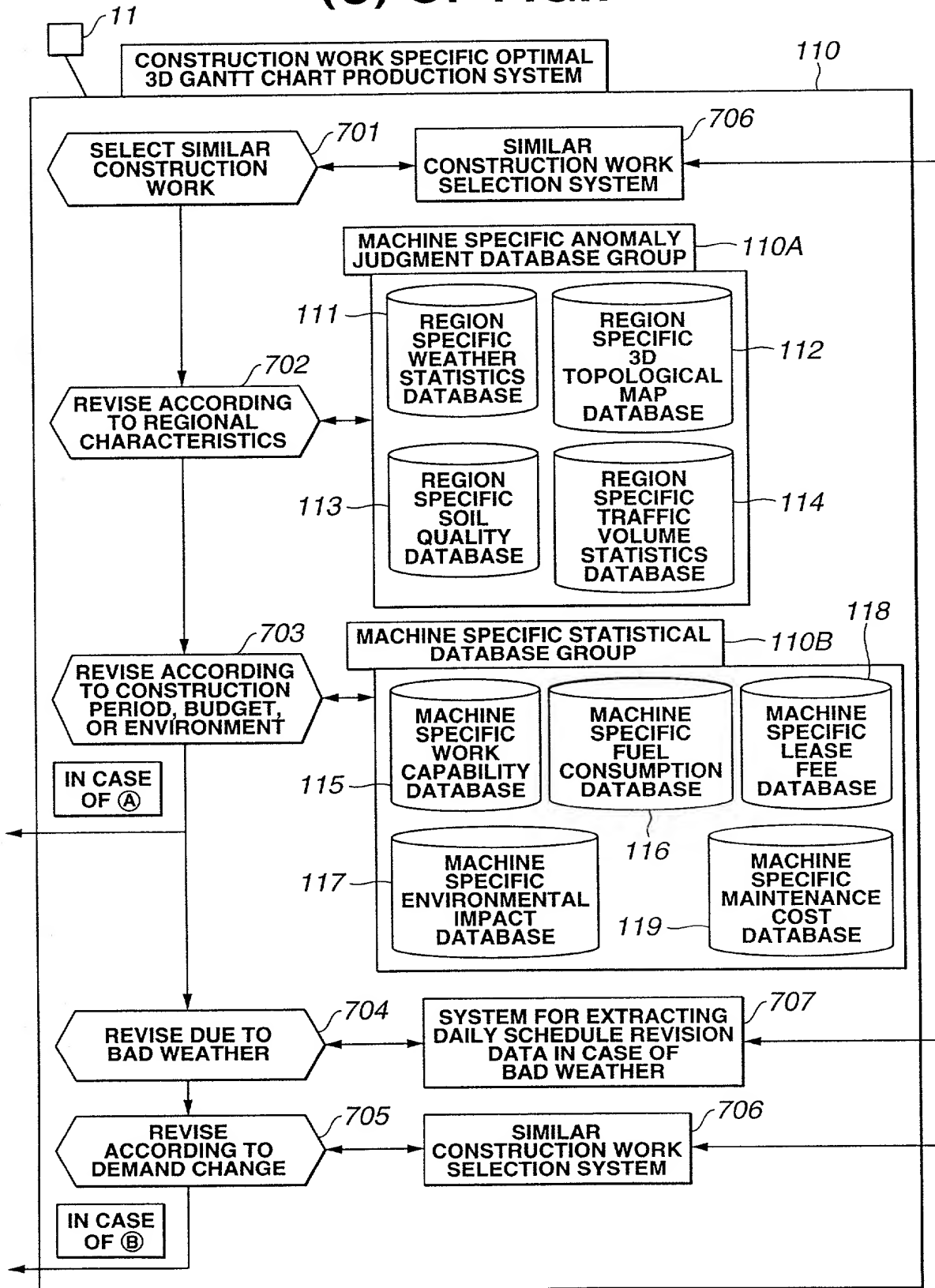
# (A) OF FIG.7



**(B) OF FIG.7**



# (C) OF FIG.7





## (D) OF FIG.7

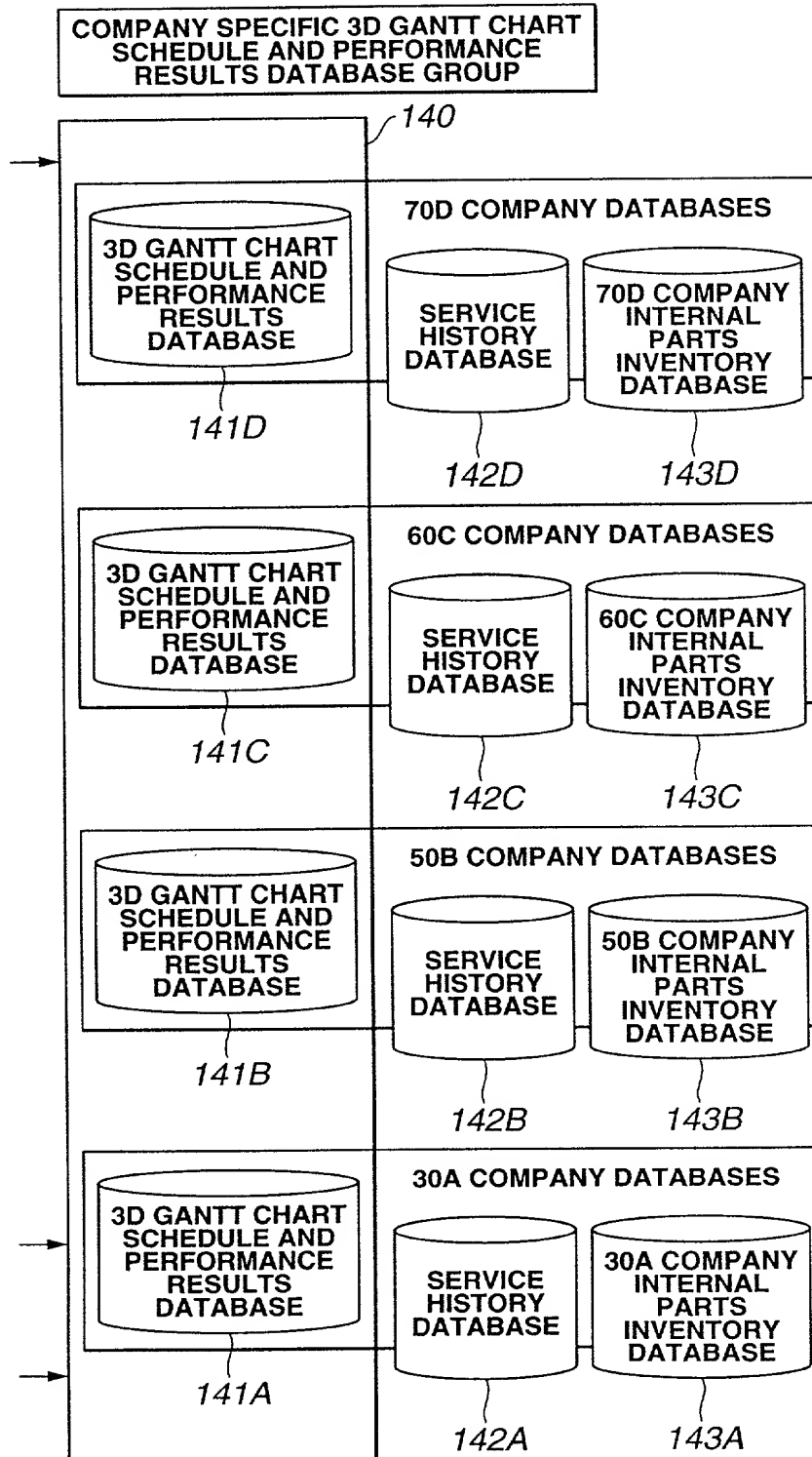
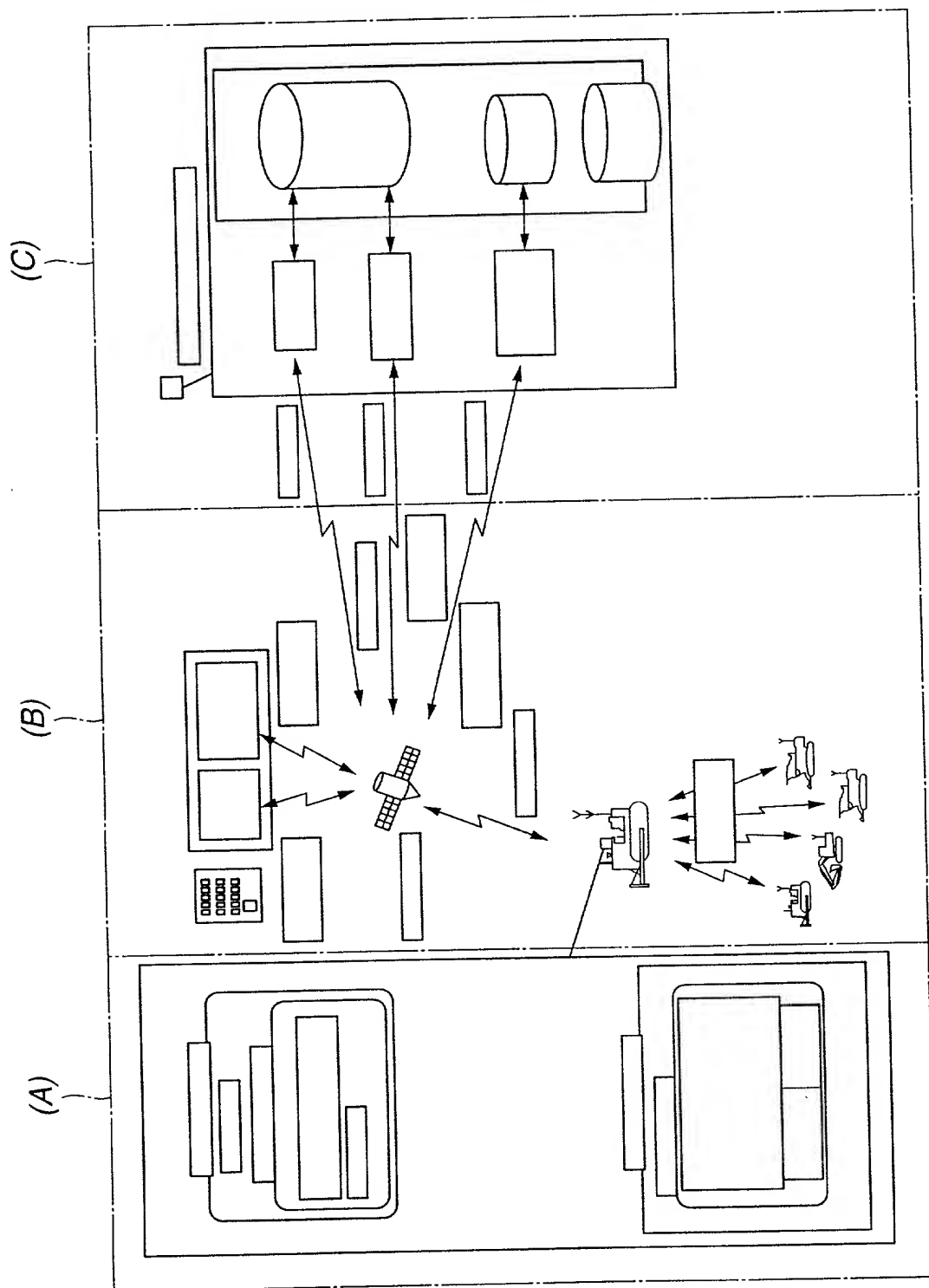
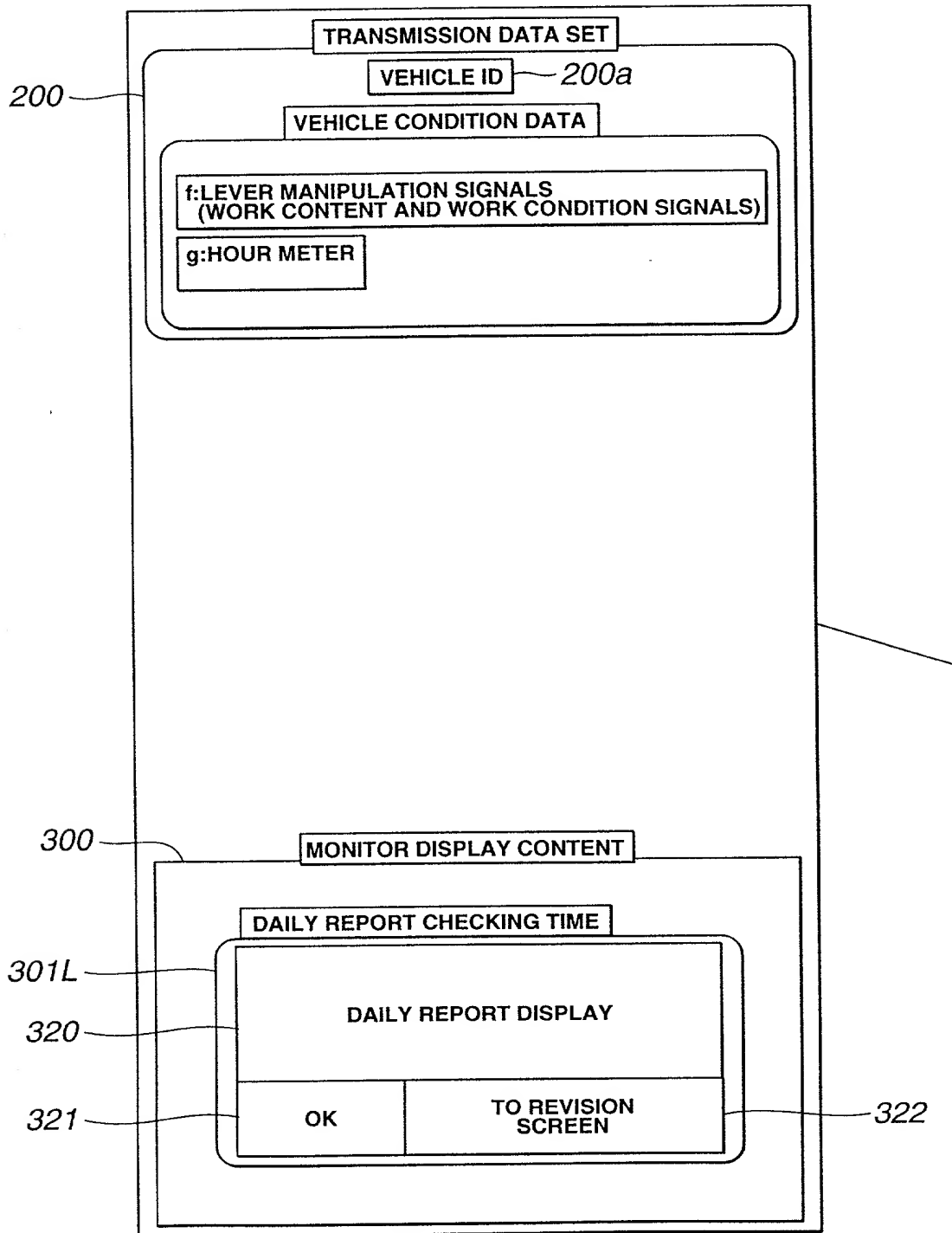


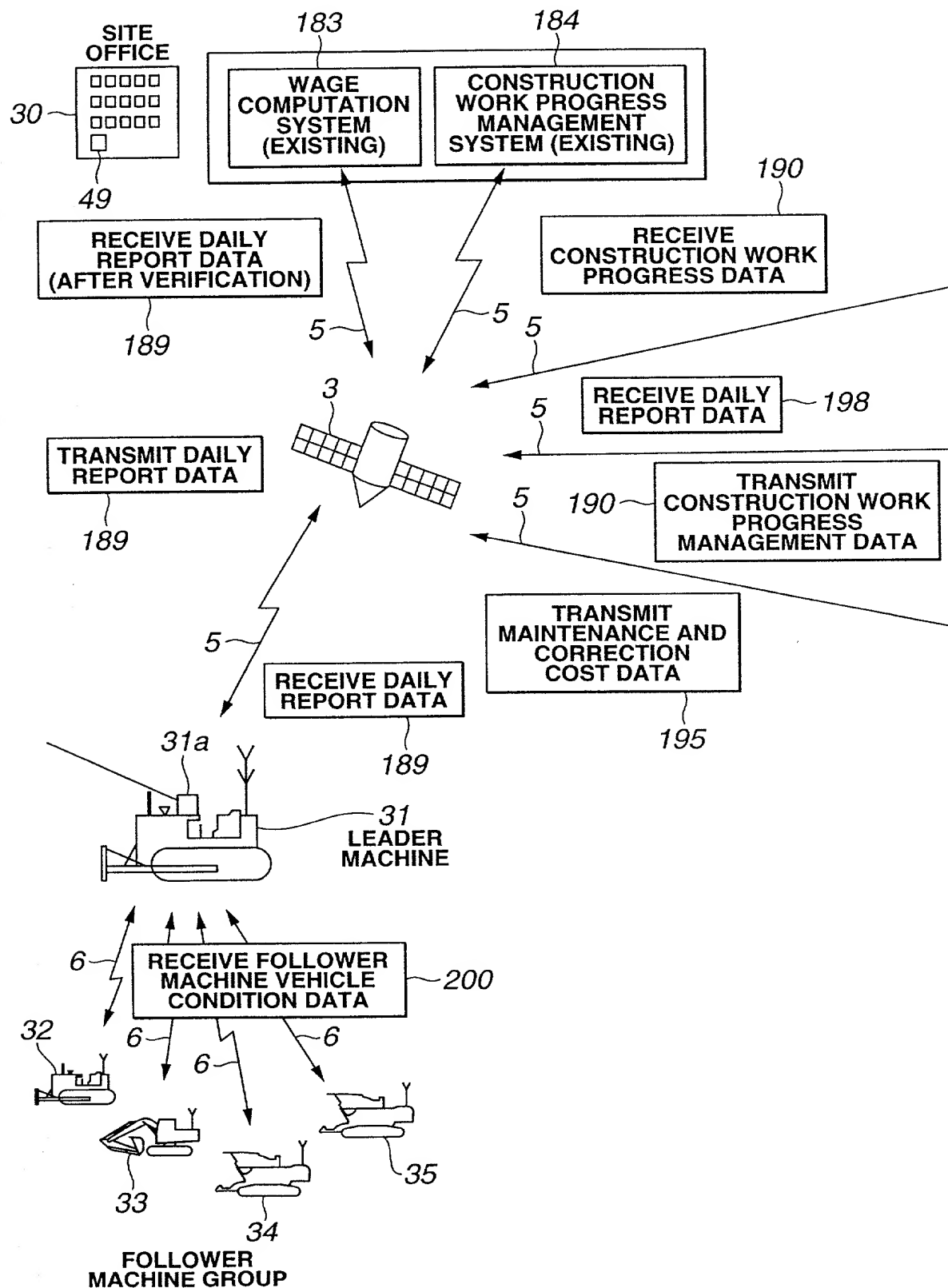
FIG.8



# (A) OF FIG.8



# (B) OF FIG.8



## (C) OF FIG.8

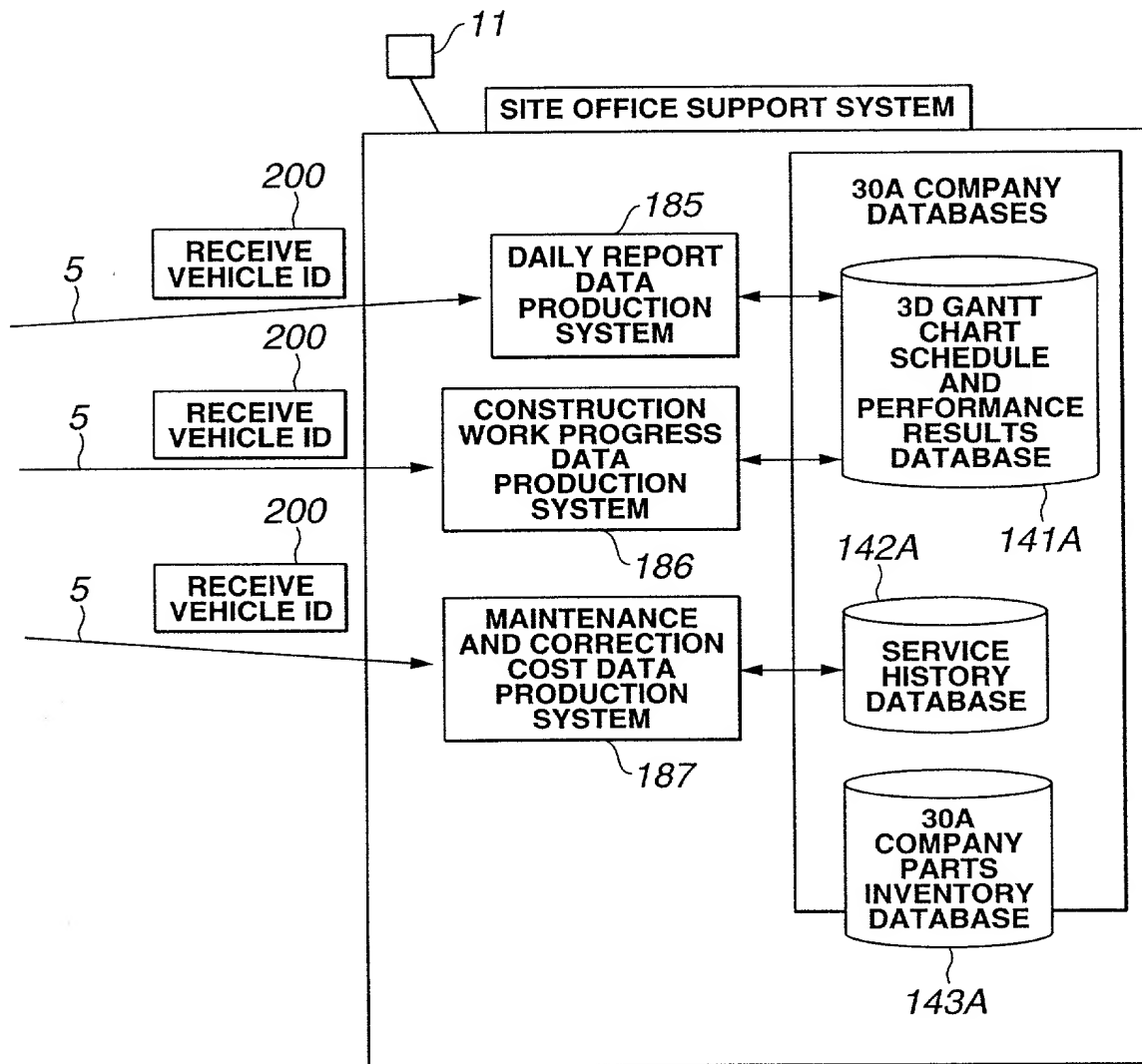
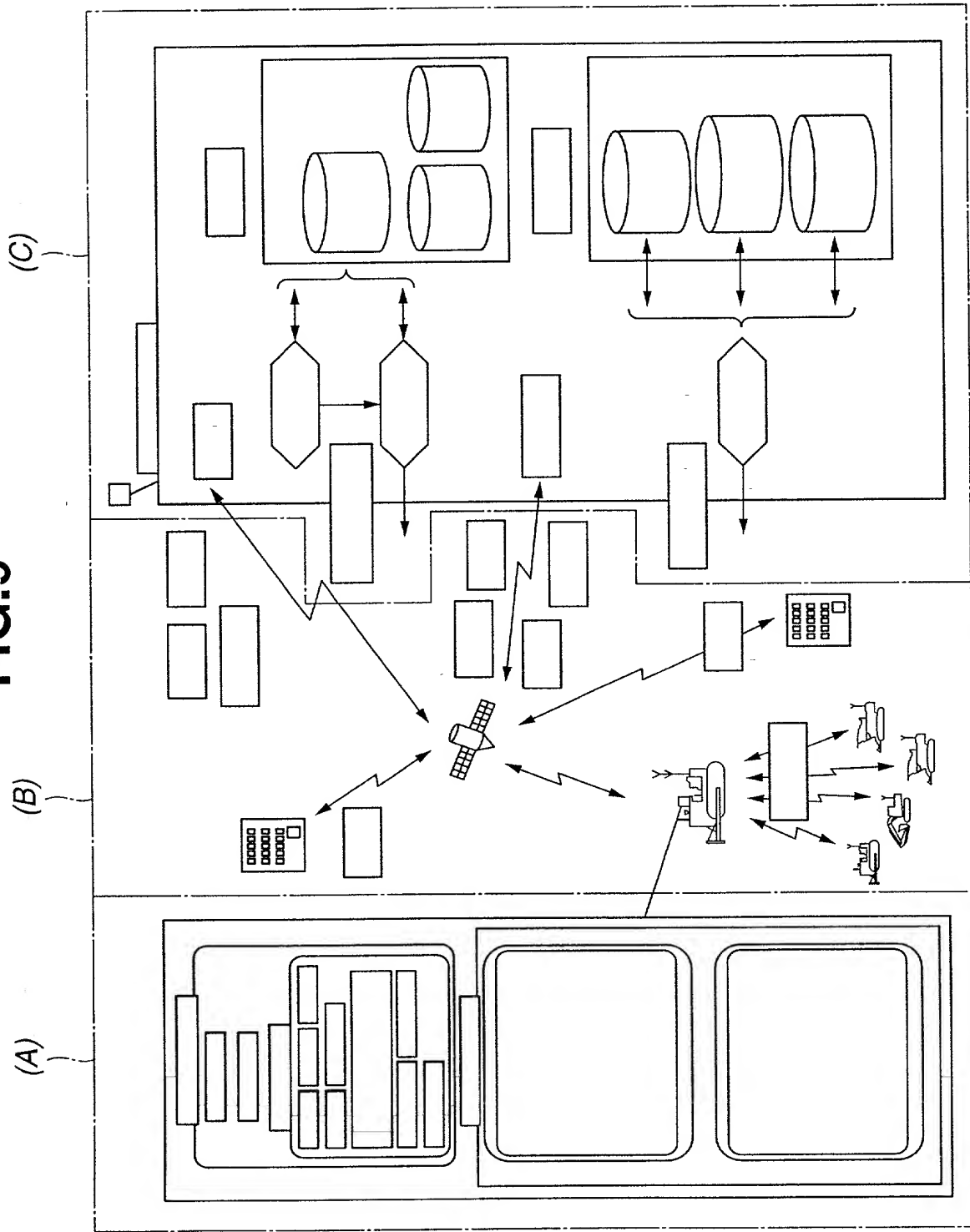
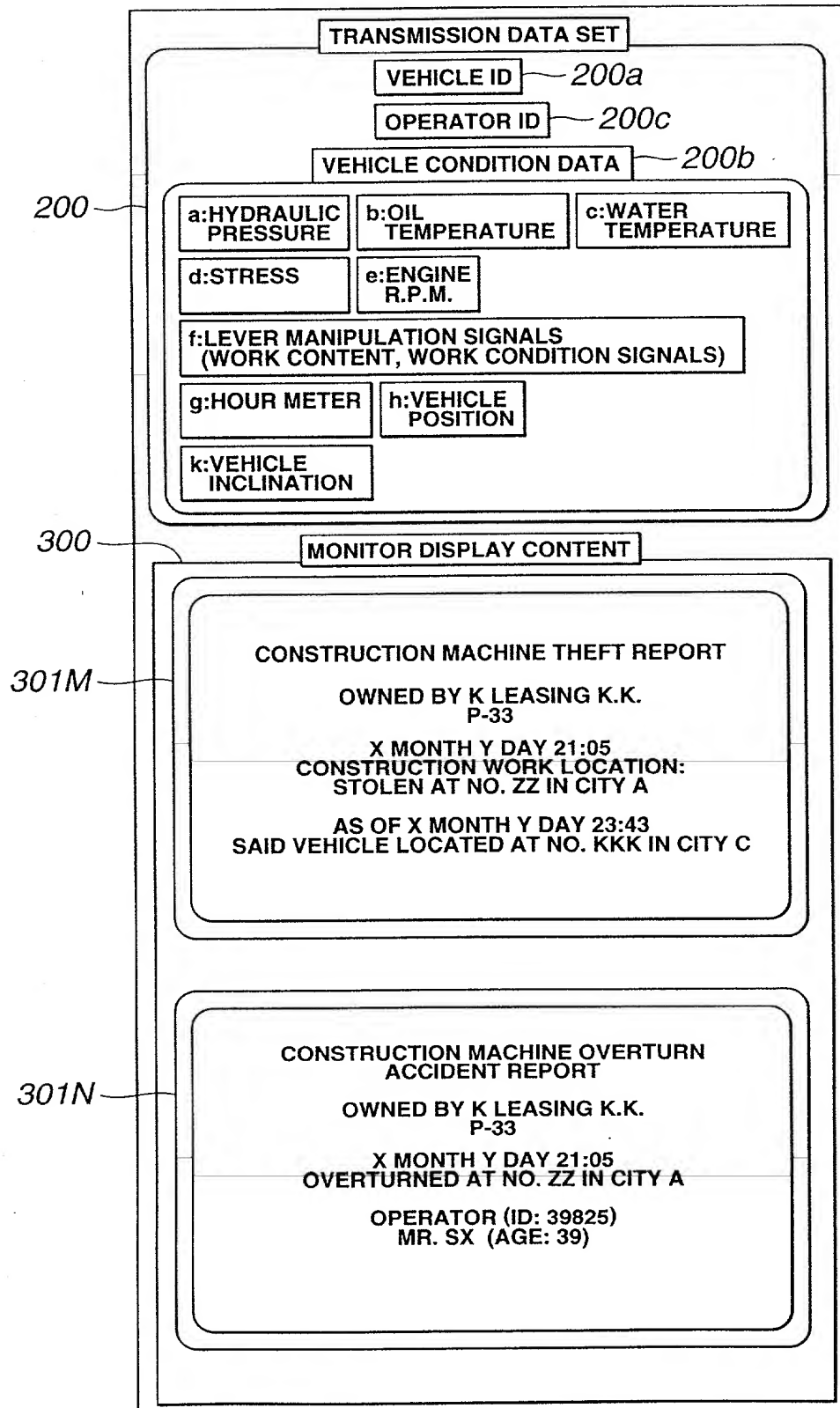


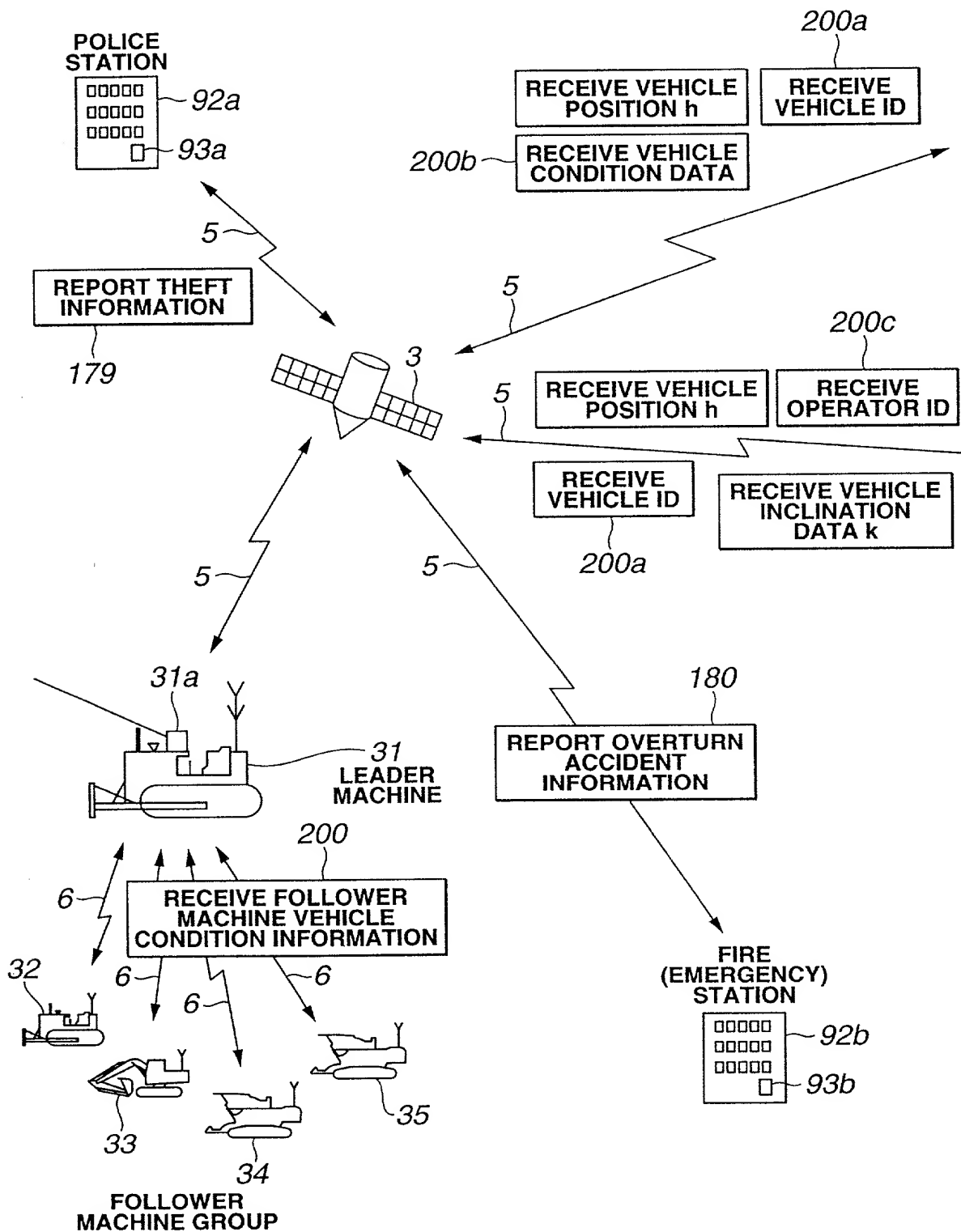
FIG. 9



# (A) OF FIG.9



# (B) OF FIG.9





# (C) OF FIG.9

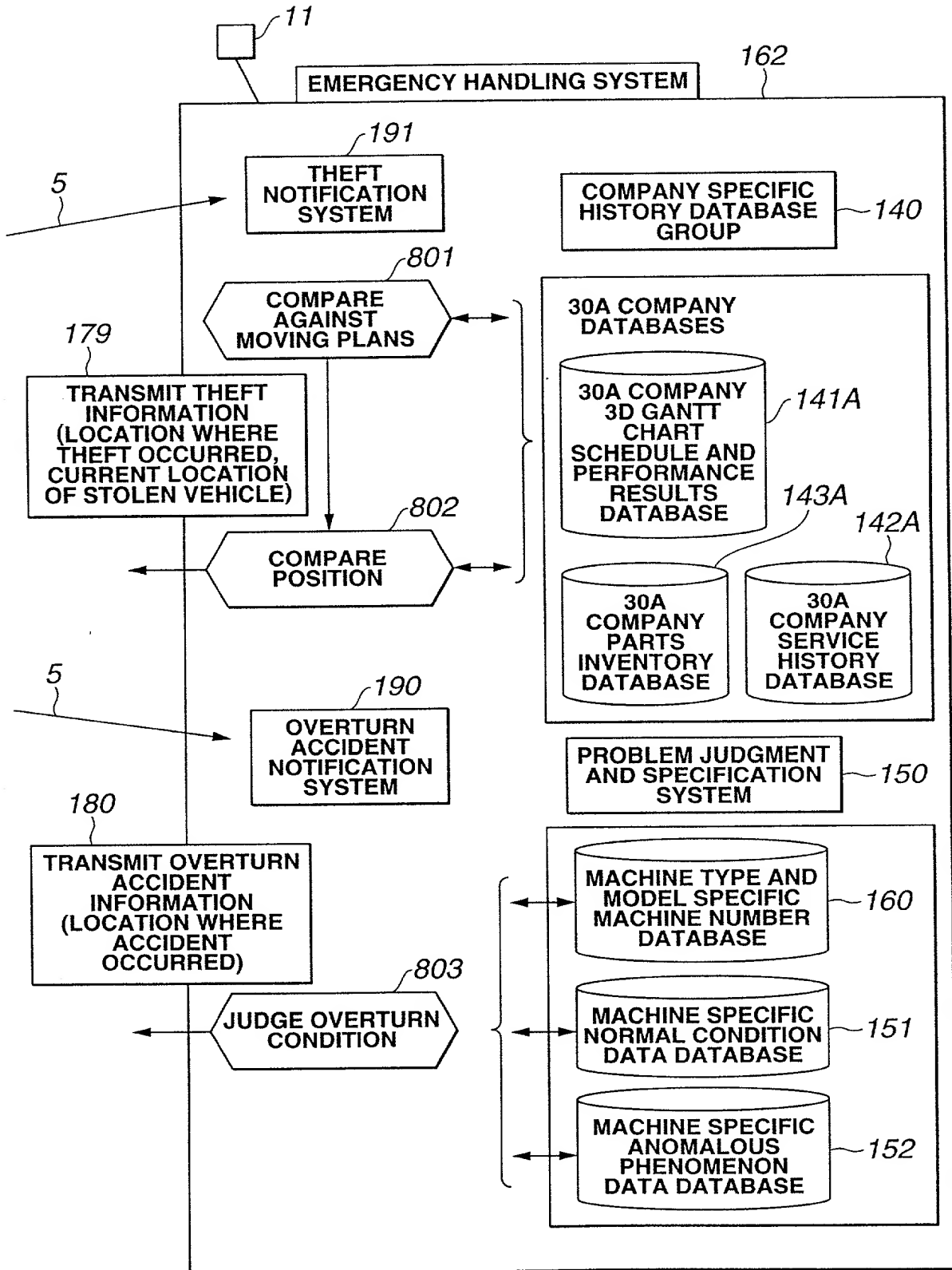
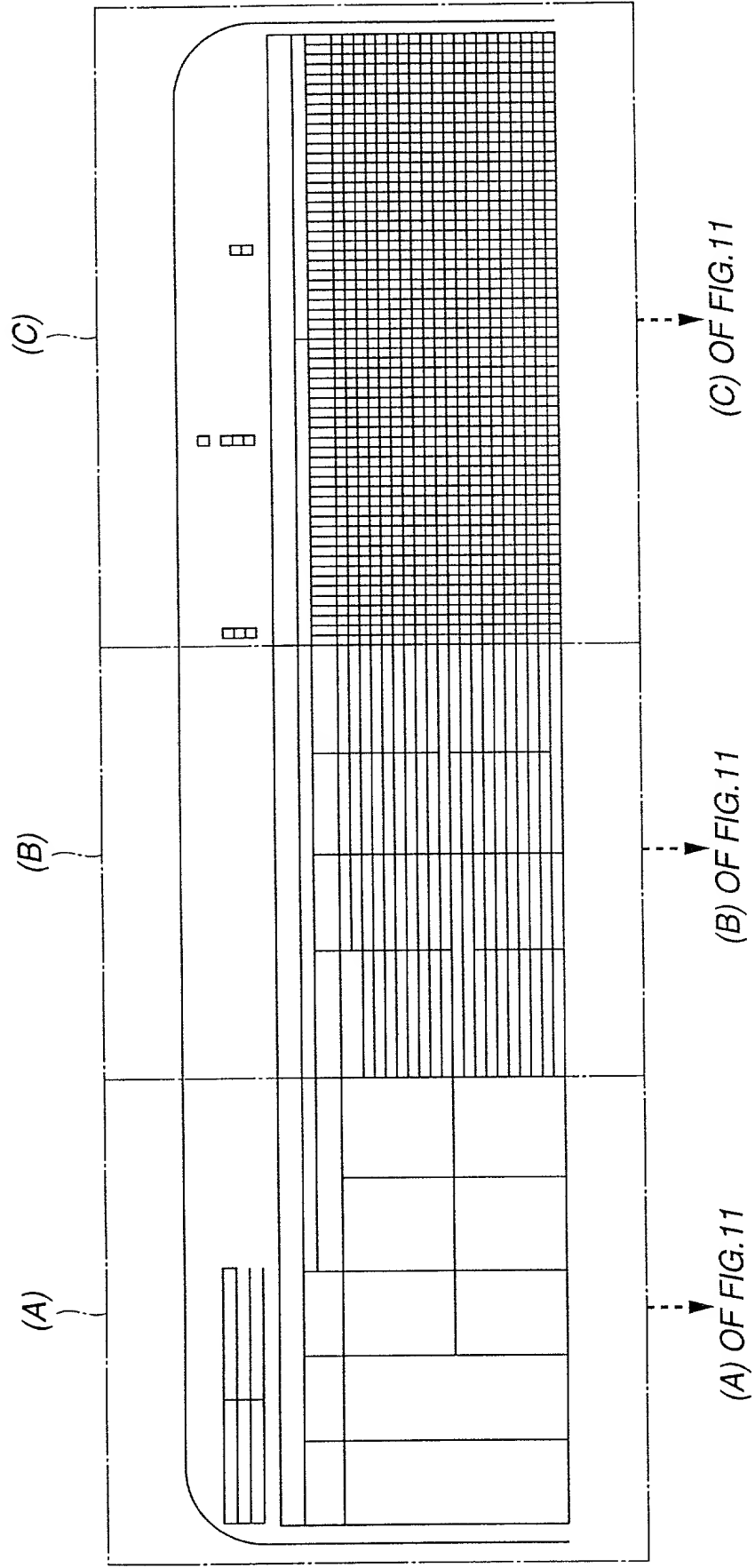




FIG.10



301

# (A) OF FIG.10

|  |   |                             |   |   |
|--|---|-----------------------------|---|---|
| TRUNK ROAD CONSTRUCTION WORK BETWEEN CITY A AND CITY B<br>CONSTRUCTION ZONE X (CITY A, REGION YY) 3D Gantt CHART |   |                             |   |   |
| CLIENT   |   | NATIONAL GOVERNMENT         |   |   |
| CONSTRUCTION PERIOD  |   | FROM XX YEAR X MONTH XX DAY |   |   |
|  |   | TO XX YEAR X MONTH XX DAY   |   |   |
|  |   | 320                         |   |   |
| CONSTRUCTION ZONE NO.X X MONTH, X+1 MONTH<br>CONSTRUCTION WORK CONTENT   |   |                             |   |   |
| CONSTRUCTION<br>PHASE  | WORK<br>CONTENT   | DIVISION                    | 3D TOPOGRAPHY<br>BEFORE STARTING WORK AT COMPLETION<br>OF WORK                    |   |
| CONSTRUCTION<br>PHASE 1  | FOUNDATION<br>CONSTRUCTION<br>WORK<br>(X-1 MONTH<br>CONTINUOUS<br>CONSTRUCTION<br>WORK) | SCHEDULE                    |  |  |
|  |   |                             | (DIAGRAM OF<br>WHAT IS<br>EXPECTED)   | (DIAGRAM OF<br>WHAT IS<br>EXPECTED)   |
|  | PERFORMANCE<br>RESULTS  |                             | (PHOTO)   | (PHOTO)   |

# (B) OF FIG.10

301

320

| CONSTRUCTION WORK DETAILS         |                    |                                 |                    |
|-----------------------------------|--------------------|---------------------------------|--------------------|
| MACHINES<br>DEPLOYED              | MACHINE<br>NUMBERS | WORK<br>START                   | WORK<br>COMPLETION |
| FOR ENTIRE<br>CONSTRUCTION PERIOD | INITIAL PLAN       | AUGUST B                        | AUGUST R           |
|                                   | MODIFIED PLAN      | AUGUST B                        | AUGUST S           |
|                                   | LEADER MACHINE     | AUGUST B                        | AUGUST S           |
|                                   | ---                | AUGUST B                        | AUGUST P           |
|                                   | ---                | AUGUST I                        | AUGUST S           |
|                                   | ---                | AUGUST L                        | AUGUST S           |
| FOR ENTIRE CONSTRUCTION PERIOD    | ---                | AUGUST L                        | AUGUST S           |
|                                   |                    |                                 |                    |
|                                   |                    |                                 |                    |
|                                   |                    |                                 |                    |
|                                   |                    |                                 |                    |
|                                   |                    |                                 |                    |
|                                   |                    | REGIONAL WEATHER FORECAST       |                    |
|                                   |                    |                                 |                    |
|                                   | 31                 | AUGUST B                        | AUGUST S           |
|                                   | 32                 | AUGUST B                        | AUGUST P           |
|                                   | 33                 | AUGUST I                        | AUGUST S           |
|                                   | 34                 | AUGUST L                        | AUGUST S           |
|                                   | 35                 | AUGUST L                        | AUGUST S           |
|                                   |                    |                                 |                    |
|                                   |                    | ACTUAL WEATHER/FORECAST WEATHER |                    |
|                                   |                    |                                 |                    |

**(C) OF FIG. 10**




-301

XX YEAR X MONTH YY DAY

| F | PERIOD OF MALFUNCTION | 320 |
|---|-----------------------|-----|
| M | PERIOD OF MAINTENANCE |     |

☐

**LEGEND:**

|   |                                    |
|---|------------------------------------|
|  | <b>ACCORDING TO DAILY SCHEDULE</b> |
|  | <b>1 DAY BEHIND</b>                |
|  | <b>2 DAYS OR MORE BEHIND</b>       |

## DAILY SCHEDULE

**SEPTEMBER**

**AUGUST**

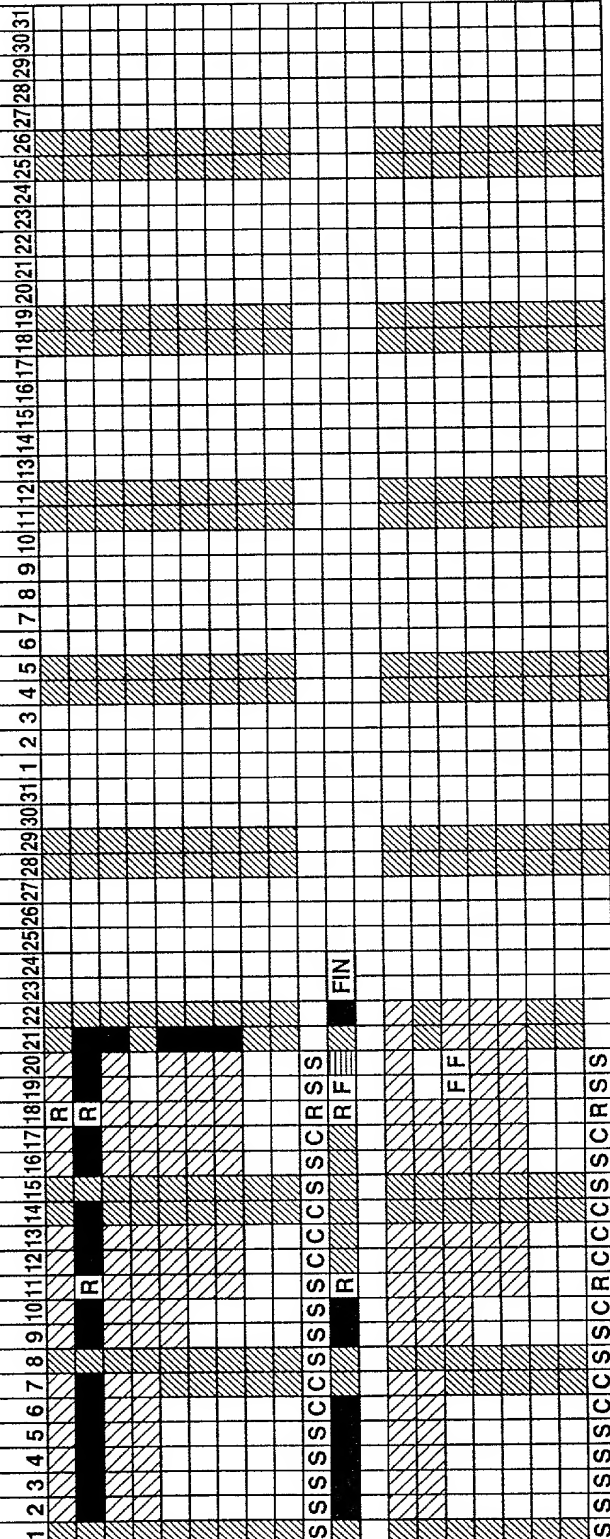
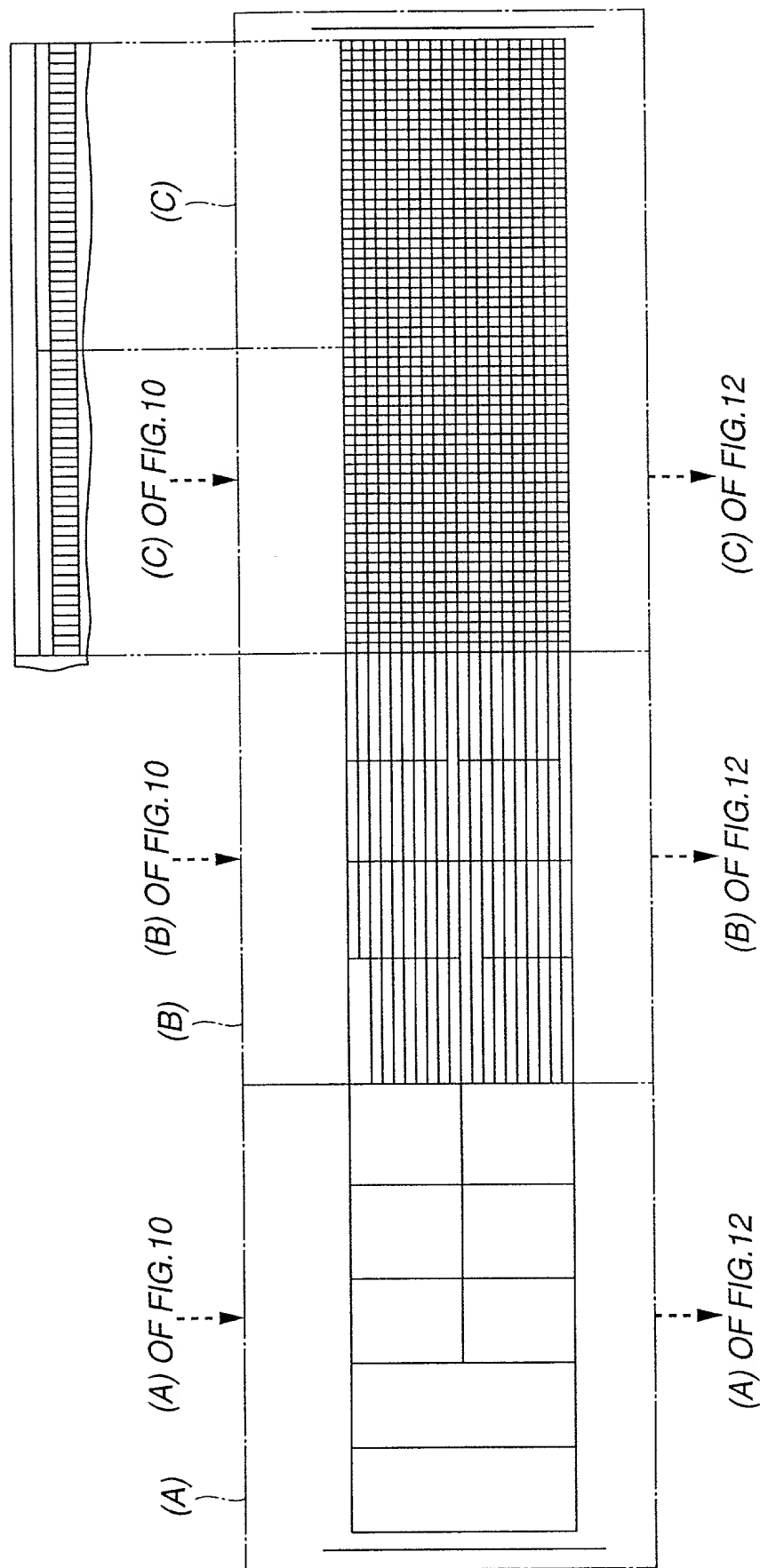


FIG. 11



(A) OF FIG.11

|                         |                                |     |                                     |
|-------------------------|--------------------------------|-----|-------------------------------------|
| 301                     |                                | 320 |                                     |
| CONSTRUCTION<br>PHASE 2 | GUTTER<br>CONSTRUCTION<br>WORK |     | (DIAGRAM OF<br>WHAT IS<br>EXPECTED) |
|                         |                                |     | (PHOTO)                             |
|                         |                                |     | (DIAGRAM OF<br>WHAT IS<br>EXPECTED) |
|                         |                                |     | (PHOTO)                             |

[illegible]



# (C) OF FIG.11

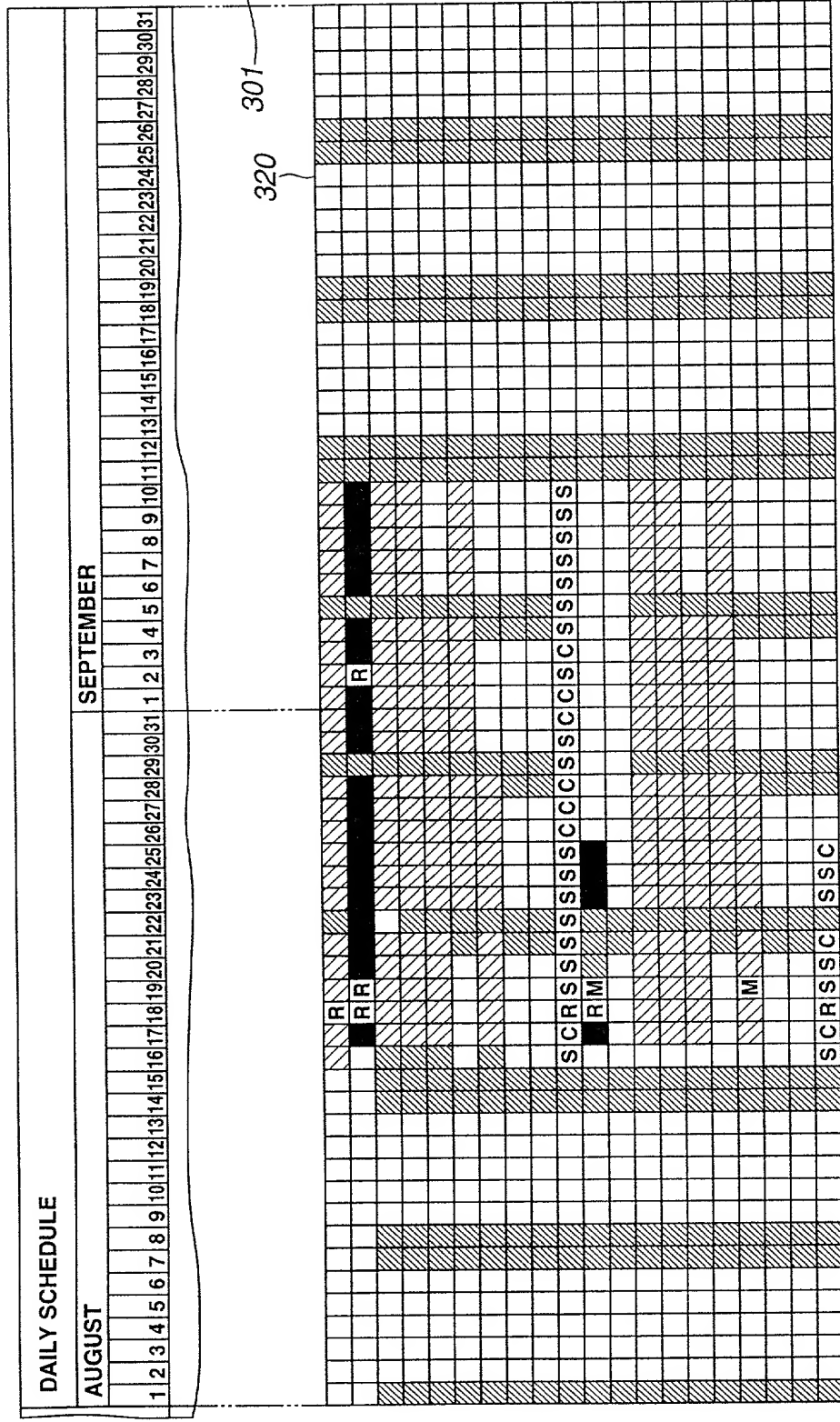
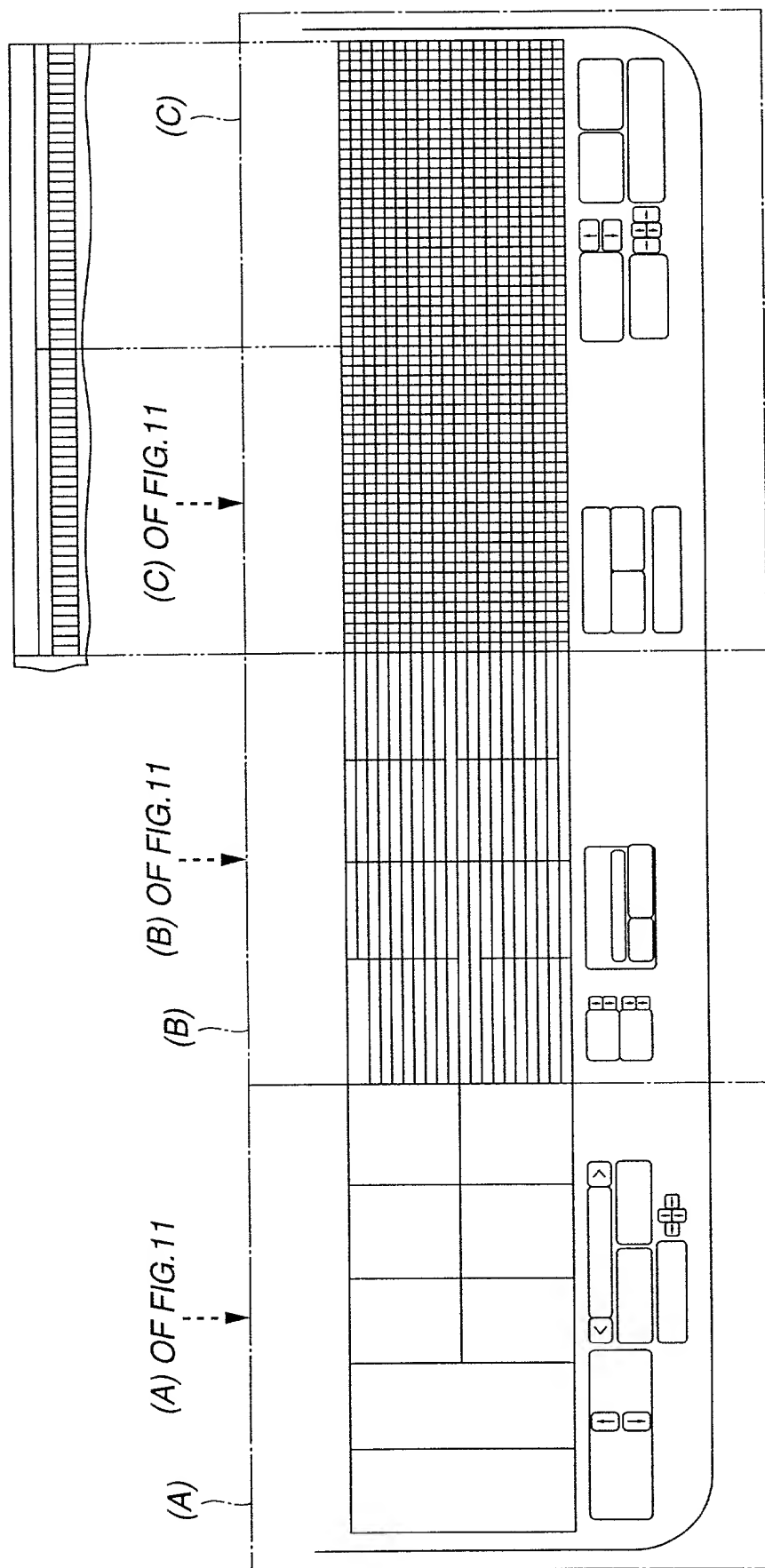
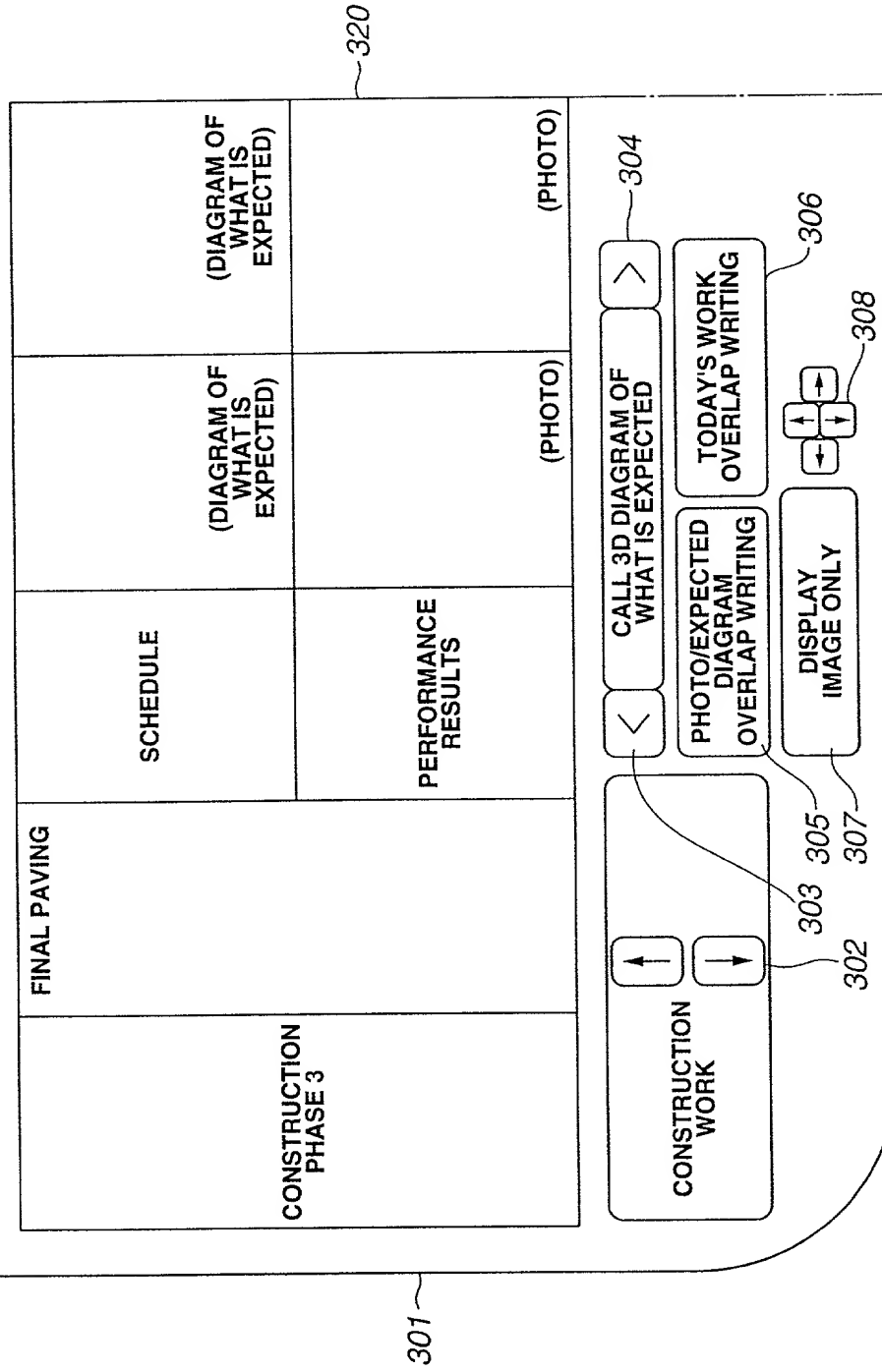


FIG.12



(A) OF FIG.12



**(B) OF FIG. 12**

[illegible]

```

    graph TD
      A[CHANGE MACHINE] --> B[CHANGE MACHINE NUMBER]
      B --> C[ENTER PERFORMANCE RESULTS]
      C --> D[1 DAY BEHIND]
      C --> E[2 OR MORE DAYS BEHIND]
      D --> F[ACCORDING TO PLAN]
      E --> F
      F --> G[ENTER PERFORMANCE RESULTS]
  
```

317

309

370



# FIG.13

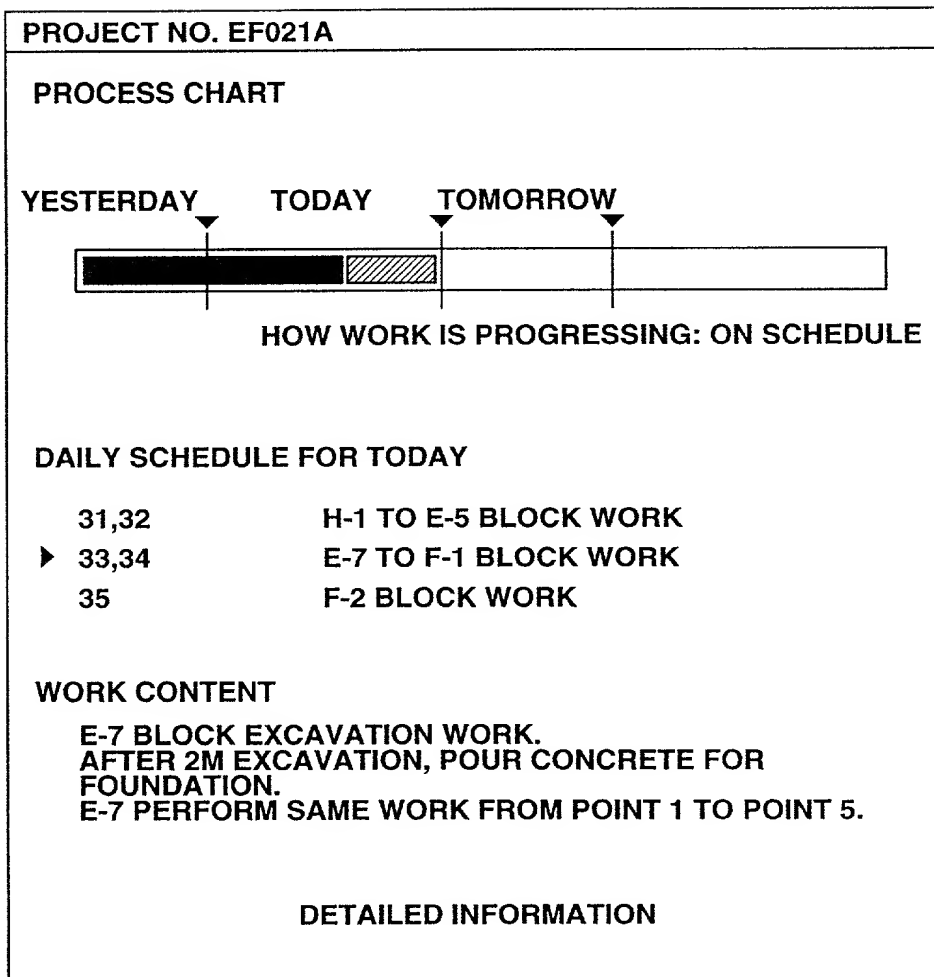


FIG.14

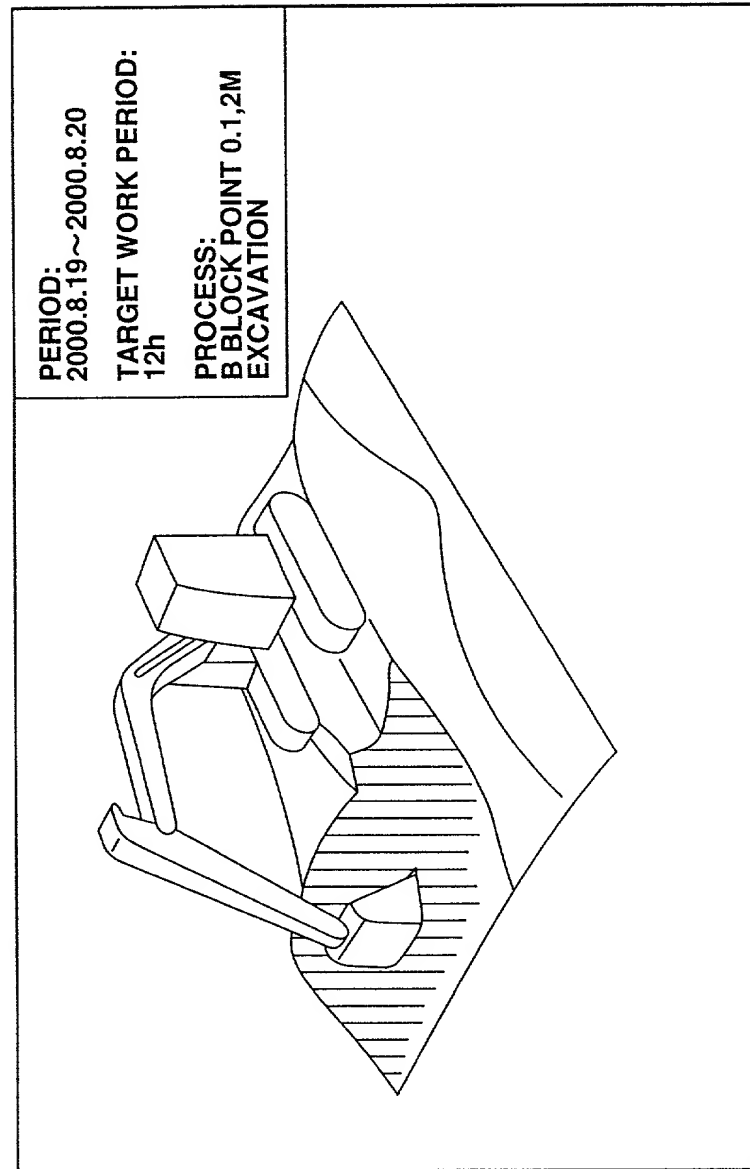
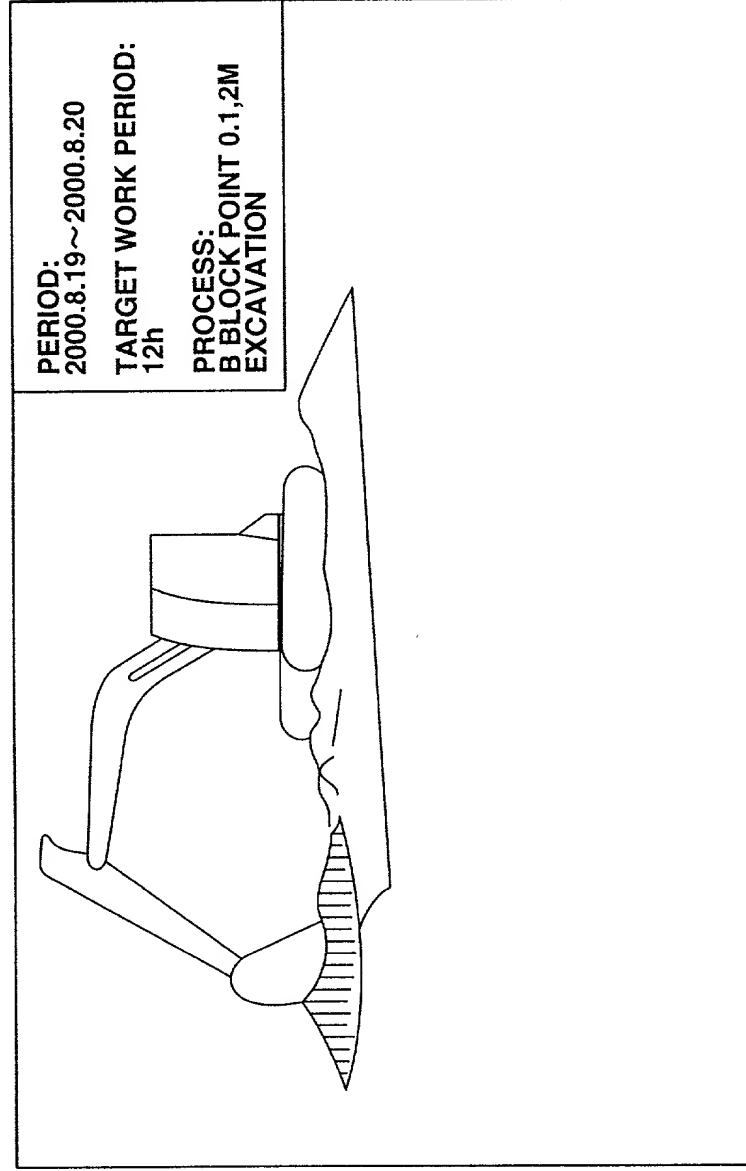
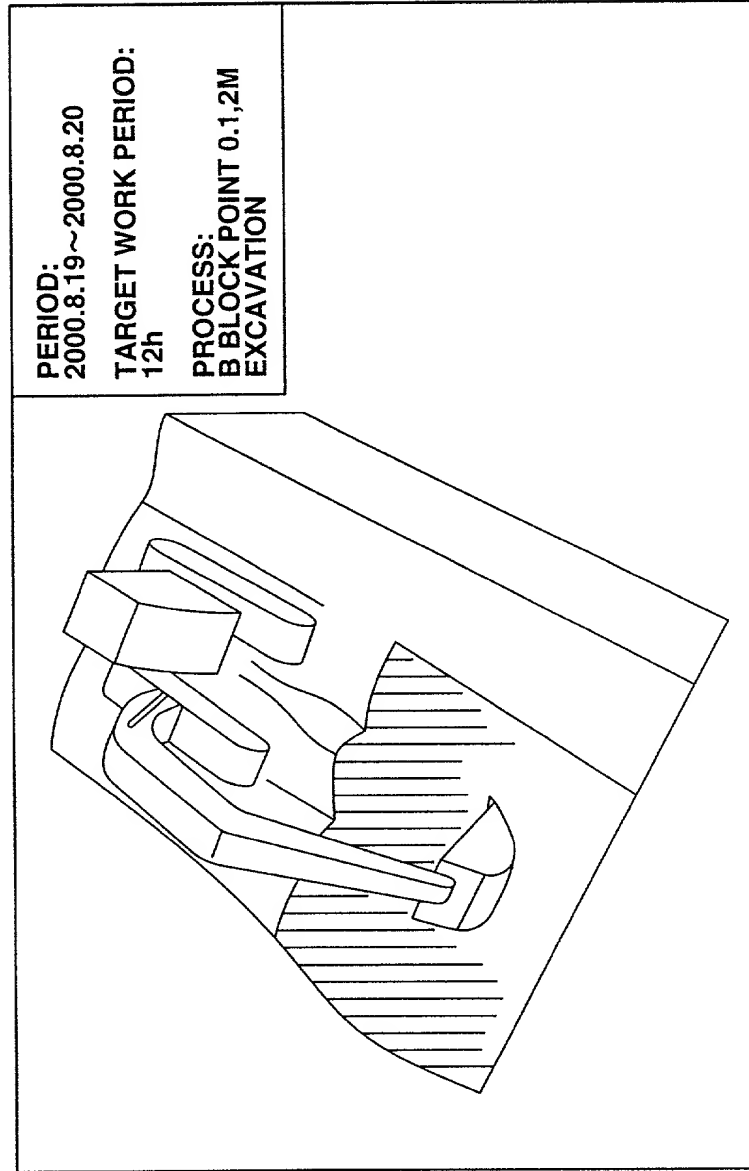


FIG.15





**FIG.16**



**FIG.17(A)**

| f              | a              | b              | c              | d              | e              | g              | h | k |
|----------------|----------------|----------------|----------------|----------------|----------------|----------------|---|---|
| f <sub>1</sub> | a <sub>1</sub> | b <sub>1</sub> | c <sub>1</sub> | d <sub>1</sub> | e <sub>1</sub> | g <sub>1</sub> |   |   |
| f <sub>2</sub> | a <sub>2</sub> | b <sub>2</sub> | c <sub>2</sub> | d <sub>2</sub> | e <sub>2</sub> | g <sub>2</sub> |   |   |
| f <sub>3</sub> | a <sub>3</sub> | b <sub>3</sub> | c <sub>3</sub> | d <sub>3</sub> | e <sub>3</sub> | g <sub>3</sub> |   |   |

**FIG.17(B)**

| f              | a              | b              | c | d | e              | g              | h | k |
|----------------|----------------|----------------|---|---|----------------|----------------|---|---|
| f <sub>4</sub> | a <sub>4</sub> | b <sub>4</sub> |   |   | e <sub>4</sub> | g <sub>4</sub> |   |   |
| f <sub>5</sub> | a <sub>5</sub> | b <sub>5</sub> |   |   | e <sub>5</sub> | g <sub>5</sub> |   |   |
| f <sub>6</sub> | a <sub>6</sub> | b <sub>6</sub> |   |   | e <sub>6</sub> | g <sub>6</sub> |   |   |

**FIG.18**

| f              | a              | b | c | d              | e              | g              | h | k |
|----------------|----------------|---|---|----------------|----------------|----------------|---|---|
| f <sub>7</sub> | a <sub>7</sub> |   |   |                | e <sub>7</sub> |                |   |   |
| f <sub>8</sub> |                |   |   | d <sub>8</sub> |                | g <sub>8</sub> |   |   |